OLYMPUS®

DIGITAL CAMERA

Stylus 800
μ DIGITAL 800

Advanced Manual

Detailed explanations of all the functions for getting the most out of your camera.

Basic Operation

Basic Shooting

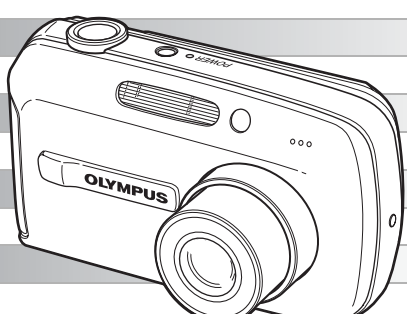
Advanced Shooting

Playing Back

Printing

Online Pictures

Camera Settings



- Thank you for purchasing an Olympus digital camera. Before you start to use your new camera, please read these instructions carefully to enjoy optimum performance and a longer service life. Keep this manual in a safe place for future reference.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.
- In the interest of continually improving products, Olympus reserves the right to update or modify information contained in this manual.

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How to use this manual

● Basic and Advanced Manuals

The instruction manual accompanying this camera is divided into two parts: the Basic Manual and the Advanced Manual (this document).

Basic Manual	This manual gives you easy-to-follow explanations on how to take pictures and view them so that you can get started quickly. Go ahead and take some pictures! You will also find information on the camera's main functions as well as how to make prints and enjoy your pictures on a computer.
Advanced Manual	This manual introduces you to the camera's many functions after you have mastered the basics. It will help you to use the camera's capabilities to take much more creative pictures, with more fun!

● Indications used in this manual

Below is an explanation of how to read the instructions in this manual. Please read it carefully before proceeding.

Note
Important information on factors which may lead to a malfunction or operational problems. Also warns of operations that should be absolutely avoided.

TIPS
Useful information and hints that will help you get the most out of your camera.

☞
Reference pages describing details or associated information.

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Composition of the manual

You'll find important points for getting the most out of your camera here. Read this part before taking pictures.	**Basic operation**	P. 8	1
	Tips before you start taking pictures	P. 20	2
Explanations of techniques from basics to advanced, giving you an understanding of all the functions related to taking pictures.	**Basic shooting functions**	P. 33	3
	Additional shooting functions	P. 45	4
To view, edit and sort the pictures you have taken.	**Playback**	P. 62	5
Settings to make your camera easier to use.	**Settings**	P. 84	6
To print the pictures you have taken.	**Printing pictures**	P. 98	7
To enjoy the pictures you have taken on a computer. To use OLYMPUS Master.	**Connecting the camera to a computer**	P. 111	8
Troubleshooting. For when you want to know the names of parts, see a list of menus, or find what you are looking for.	**Appendix**	P. 127	9
	Miscellaneous	P. 147	10

The title page of each chapter gives a short description of the contents. Be sure to check it out.

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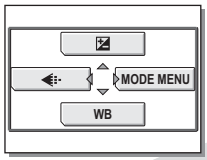
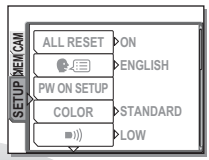
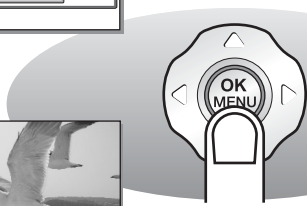
1 Basic operation

Are you ever overwhelmed by all of the advanced shooting and editing functions? Professional photographers use these functions to achieve a variety of effects. Now you too can achieve such effects simply by pressing the buttons on your digital camera. You can use the various functions available to adjust the brightness and white balance of your pictures, alter the focusing range, and much more.
Just display a menu on the monitor and use the buttons to choose a setting. Familiarize yourself with the buttons and menus before reading the explanations of the various functions.







Movies

Sequential shooting

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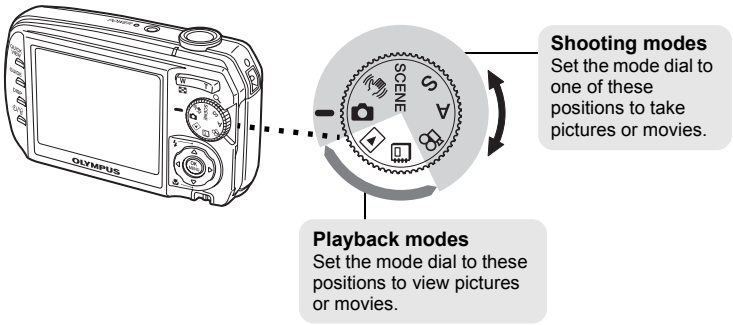
Mode dial

This camera features shooting modes and playback modes. Use the mode dial to make settings. Set the desired mode and turn the camera on.


OLYMPUS
SCENE
S
A
Shooting modes
Set the mode dial to one of these positions to take pictures or movies.
Playback modes
Set the mode dial to these positions to view pictures or movies.

About the mode dial

Shooting modes		Suitable for general situations. Simply press the shutter button, and the camera determines optimum conditions and shoots the picture. The camera automatically sets the optimum aperture value and shutter speed for the brightness of the subject (**P**: Program auto).
		This function reduces the blur incurred by a moving subject or camera movement when taking pictures. ☞"Shooting pictures using image blur reduction" (P. 46)
	SCENE	This function allows you to select from 19 situation-related modes set to the shooting conditions. ☞"Selecting a scene according to the situation (SCENE)" (P. 34)
	S	This function allows you to set the shutter speed manually. The camera sets the aperture automatically. ☞"Changing the shutter speed for shooting pictures" (P. 47)
	A	This function allows you to set the aperture manually. The camera sets the shutter speed automatically. ☞"Changing the aperture value for shooting pictures" (P. 48)
		This function lets you record movies. Audio is recorded with the movie. ☞"Recording movies" (P. 44)
Playback modes		This function allows you to play back still pictures or movies. You can also play back sound. ☞"Playback" (P. 62)
		You can play back still pictures or movies saved in an album. ☞"Viewing an album" (P. 66)

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TIPS

- Direct button functions and menu contents vary depending on the position of the mode dial. ☞“Direct buttons” (P. 11), “Menus” (P. 13), “Menu list” (P. 148)
- You can change the mode before and after turning the camera on.

Mode dial notation

In this manual, the following icons indicate the position of the mode dial necessary for operating functions.

This indicates an operation when the mode dial is set to 🎥.

This indicates an operation when the mode dial is be set to any of the following modes: 📷 SCENE S A 🎥.

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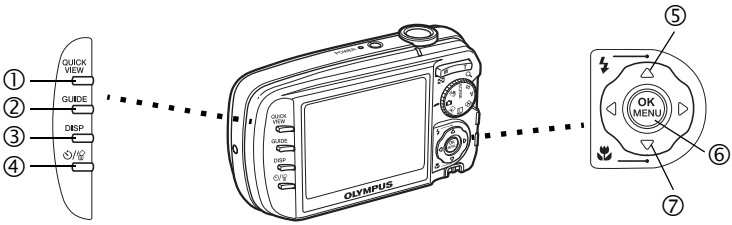
Direct buttons

This camera features buttons for setting functions directly.
The direct buttons have different functions in shooting mode and in playback mode.

Using the direct buttons in shooting mode



①	**QUICK VIEW** button	☞P. 63

The last picture taken is displayed on the monitor. All the functions in playback mode are available. To return to shooting mode, press the **QUICK VIEW** button or press the shutter button halfway.

②	**GUIDE** button	☞P. 18

Displays a shooting guide describing shooting methods for various purposes. Select a menu, and press the **GUIDE** button to display an explanation of its function.

③	**DISP** button	☞P. 61

Press the **DISP** button repeatedly to toggle the display of shooting information, composition lines, and histogram.

④	(Self-timer/Remote control) button	☞P. 43, 55

For switching between self-timer and remote control.

⑤	△ (Flash mode) button	☞P. 41

For selecting the flash mode.

⑥	OK MENU button	☞P. 13

Displays the top menu of shooting mode.

⑦	▽ (Macro) button	☞P. 40

Enables macro mode or super macro mode.

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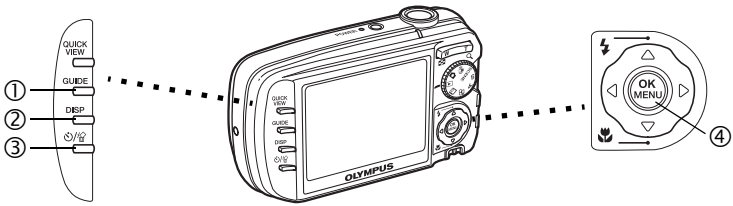
Using the direct buttons in playback mode



① **GUIDE** button ☞P. 18

Displays a shooting guide describing shooting methods for various purposes. Select a menu item, and press the **GUIDE** button to display an explanation of its function.

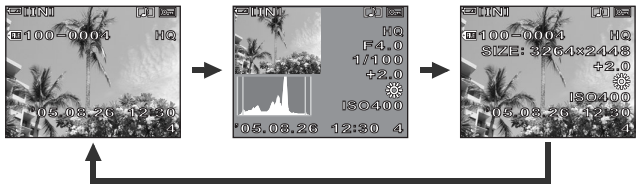
② **DISP** button

Press the **DISP** button to change the display in the following order. The histogram is not displayed while displaying movies.

The playback screen is displayed.

The histogram is displayed.

Detailed camera information is displayed. ☞"Monitor indications" (P. 160)



③ (Erase) button ☞P. 72, 81

Erases pictures displayed on the monitor.

④ OK button ☞P. 13

Displays the top menu of playback mode.

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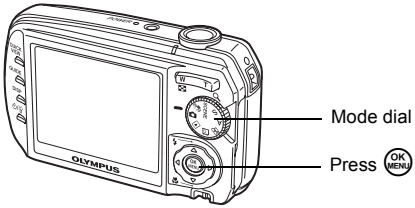
Menus

Set the mode dial to any mode and press OK MENU to display the menus on the monitor. Menus are used to make each camera setting.

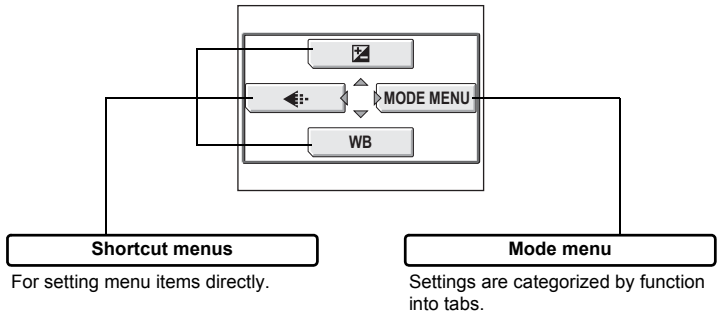


About the menus

The menu items displayed in shooting mode and playback mode differ.

Top menu

Menus are divided into shortcut menus and mode menus.



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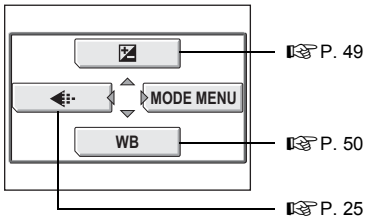
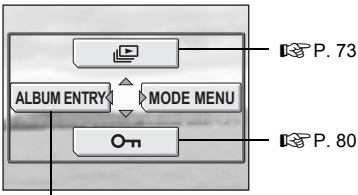
Shortcut menus

● Shooting mode

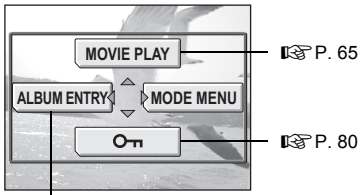


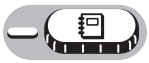
● Playback mode

For still pictures

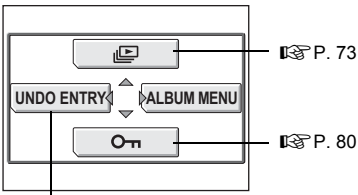


For movies

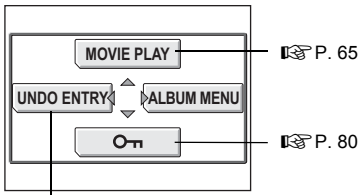




For still pictures



For movies



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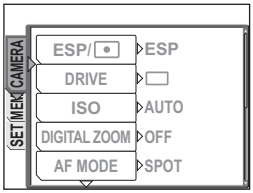
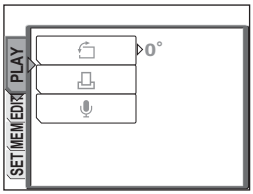
Mode menu

● Shooting mode



CAMERA tab	For setting shooting-related functions.
MEMORY/ CARD tab	For formatting internal memory or cards. Also saves internal memory data onto cards.
SETUP tab	For setting basic camera functions and settings that make the camera easier to use.

● Playback mode



PLAY tab	For setting playback-related functions.
EDIT tab	For editing saved pictures.
MEMORY/ CARD tab	For formatting internal memory or cards, and erasing all image data. Also saves internal memory data onto cards.
SETUP tab	For setting basic camera functions and settings that make the camera easier to use.

? *TIPS*

- The [MEMORY] tab is displayed when the internal memory is in use. The [CARD] tab is displayed when a card is inserted in the camera.
- For a list of mode menu items, see “Menu list” (P. 148).

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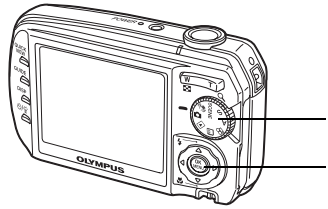
Using the menus

Use the arrow pad and OK to set menu items.
Follow the operation guide and arrows on the screen to select and change settings.

Ex: Setting [ISO]

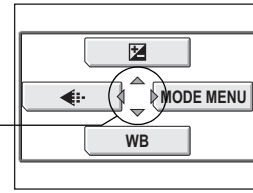


1 **Set the mode dial to any of the following modes: SA.**

2 **Press OK.**

- The top menu is displayed.

Top menu

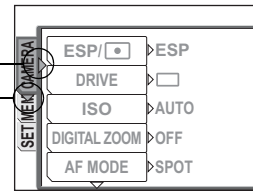


This refers to the arrow pad (△▽◁▷).

3 **Press ▷ to select [MODE MENU].**

4 **Press △▽ to select the [CAMERA] tab, and press ▷.**

- Refer to the arrows on the screen to select and make settings with the arrow pad.



This refers to the arrow pad (▷▽).

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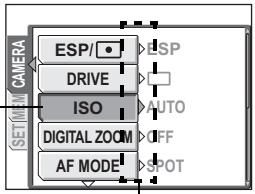
5 Press △▽ to select the [ISO], and press ▷.

- Refer to the arrows on the screen to select and make settings with the arrow pad.
- Unavailable settings cannot be selected.

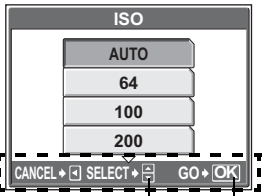


The selected item is displayed in a different color.

Press ▷ to go on to the following setting.

6 Press △▽ to select [AUTO], [64], [100], [200], [400], [800], or [1600], and press (OK).

- Follow the operation guide at the bottom of the screen to set or change settings using the arrow pad.



Operation guide

Press △▽ to select a setting.

Press (OK) to finalize the setting.

? TIPS

- Menu items common to different modes apply to the same setting.

Menu operation notation

In this manual, procedures for using the menus are expressed as follows:

- Ex: Steps 1 to 5 for setting [ISO]

Top menu ▸ [MODE MENU] ▸ [CAMERA] ▸ [ISO]

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Using the GUIDE function

This camera has a **GUIDE** function. There is a shooting guide explaining shooting methods for various shooting situations, purposes, and effects, and a menu guide explaining the menus. Pressing the **GUIDE** button automatically displays the shooting guide or the menu guide.

● Displaying the shooting guide

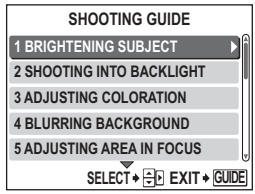
1 **Press the GUIDE button.**

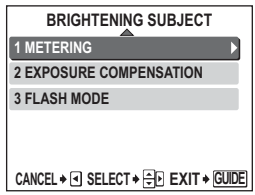
- The [SHOOTING GUIDE] is displayed.

2 **Press △▽ to select the shooting guide to display, and press ▷.**

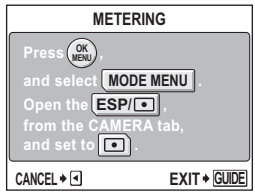
- The shooting guide detail is displayed.

3 **Press △▽ to select the item to display, and press ▷.**





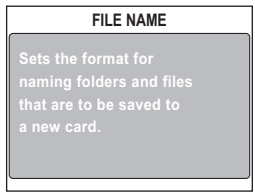
- The operating method for the selected item is displayed.
- To display another shooting guide or item, press ◁ to return to the previous screen.
- To close the shooting guide display, press the **GUIDE** button.



● Displaying the menu guide

1 **With a menu selected, hold down the GUIDE button.**

- The menu explanation is displayed.
- Release the **GUIDE** button to close the menu guide.



With [FILE NAME] selected

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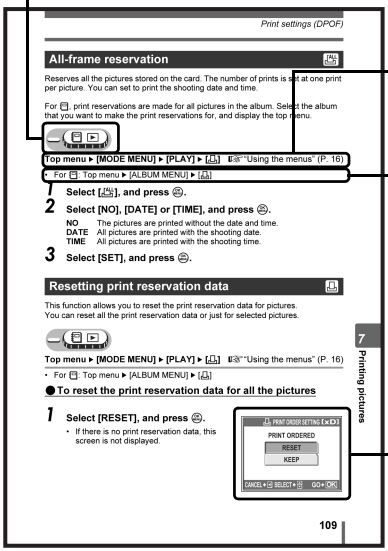
How to read the procedure pages

A sample of a procedure page is shown below explaining the notation. Look at it carefully before taking or viewing pictures.

This indicates the position of the mode dial.
If multiple icons are displayed, the described function can be used in any of these modes.
☞"Mode dial" (P. 9), "Mode dial notation" (P. 10)


Print settings (DPOF)
All-frame reservation
Reserves all the pictures stored on the card. The number of prints is set at one print per picture. You can set to print the shooting date and time.
For , print reservations are made for all pictures in the album. Select the album that you want to make the print reservations for, and display the top menu.
Top menu ▸ [MODE MENU] ▸ [PLAY] ▸ ☞"Using the menus" (P. 16)
• For : Top menu ▸ [ALBUM MENU] ▸
1 Select [], and press .
2 Select [NO], [DATE] or [TIME], and press .
NO The pictures are printed without the date and time.
DATE All pictures are printed with the shooting date.
TIME All pictures are printed with the shooting time.
3 Select [SET], and press .
Resetting print reservation data
This function allows you to reset the print reservation data for pictures.
You can reset all the print reservation data or just for selected pictures.
Top menu ▸ [MODE MENU] ▸ [PLAY] ▸ ☞"Using the menus" (P. 16)
• For : Top menu ▸ [ALBUM MENU] ▸
To reset the print reservation data for all the pictures
1 Select [RESET], and press .
• If there is no print reservation data, this screen is not displayed.
PRINT ORDER SETTING
PRINT ORDERED
RESET
KEEP
CANCEL SELECT OK
7 Printing pictures
109

Select the menus in the order indicated by ▶. ☞"Using the menus" (P. 16), "Menu operation notation" (P. 17)

Procedures differ for album playback mode.

Available languages may vary according to where you purchased the camera. The displayed language can be changed. ☞"Selecting a display language" (P. 86)

This sample page is only for your reference. It may differ from the actual page in this manual.

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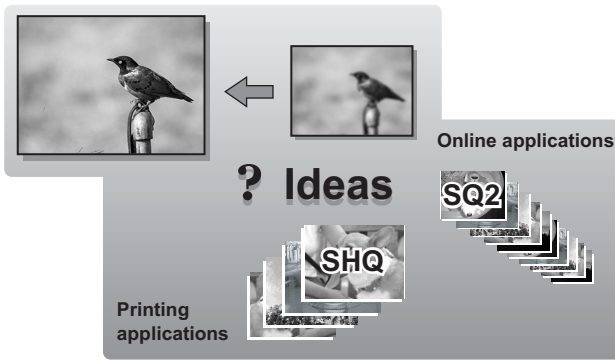
2 Tips before you start taking pictures

Your pictures are almost guaranteed to come out well just by setting the mode dial to and pressing the shutter button. But occasionally, you can't focus on your subject, the subject is too dark, or the picture doesn't come out the way you want.
Just knowing which button to press or which setting to change can help you solve these problems.
And did you know that by selecting an image size according to how you plan to use the pictures afterwards, you can store more pictures in the internal memory and on the memory card? These are just some of the hints provided in this chapter.



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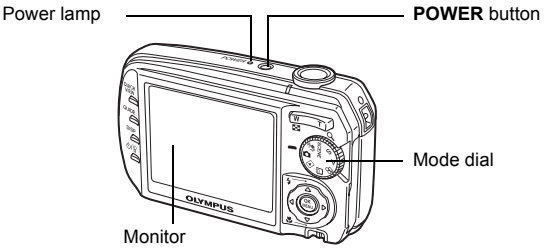
Turning the camera on and off

Press the **POWER** button to turn the camera on.



● Turning the camera on

Set the mode dial to any mode, and press the **POWER** button.

- The power lamp on the camera lights green.
- The monitor turns on.
- When you turn on the camera in shooting mode, the lens extends.

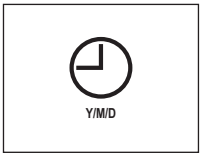
● Turning the camera off

Press the **POWER** button.

- The monitor turns off.
- The lens retracts and the lens barrier closes.
- The power lamp turns off.

TIPS

- The screen on the right is displayed when the date and time setting has returned to the factory default setting. Setting the date and time makes your pictures easier to manage, such as when you view them with calendar display. ☞"Setting the date and time" (P. 92)



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If the correct focus cannot be obtained

When the subject you want to focus on is not in the center of the frame and you cannot position the AF target mark on it, you can focus the camera on another point at roughly the same distance (focus lock) and take the picture as explained below.

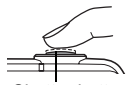
How to focus (focus lock)

1 **Position the AF target mark on the subject you want to focus on.**

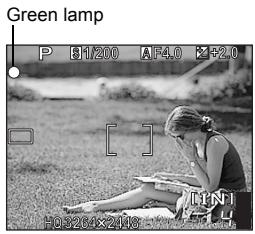
- When shooting a hard-to-focus or fast-moving subject, focus the camera on an object about the same distance away as the subject.

2 **Press the shutter button halfway until the green lamp lights.**

- The green lamp lights when the focus and exposure are locked.
- When the green lamp blinks, the focus and exposure are not locked. Release your finger from the shutter button, re-position the AF target mark on the subject and press the shutter button halfway again.



3 **Keeping the shutter button pressed halfway, recompose your shot.**



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4 Press the shutter button fully.

- The camera takes the picture. The card access lamp blinks while the picture is recorded.

TIPS

To focus on a subject not in the center of the frame

☞"Changing the focusing area (AF MODE)" (P. 54)

Note

- Press the shutter button gently. If it is pressed forcefully, the camera may move causing the picture to blur.
- Never open the card cover, remove the battery or disconnect the AC adapter while the card access lamp is blinking. Doing so could destroy stored pictures and prevent storage of pictures you have just taken.
- Recorded pictures are saved in the camera regardless of whether the camera is turned off or the battery are replaced or removed.
- When taking pictures against strong backlight, the area of the picture in shadow may appear colored.

● AF lock

The focus position can be locked. AF lock refers to locking the focus position. Position the AF target mark on the subject you want to focus on, and with the shutter button pressed halfway, press (OK).

- The focus is locked, and the AF lock mark is displayed.
- To reset AF lock, press (OK) again to cancel AF lock, relock the focus, and press (OK).
- When the AF lock is active, press the shutter button fully to take the picture.

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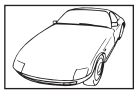
Subjects that are difficult to focus on

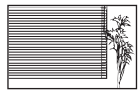
Under certain types of conditions, the auto focus may not work properly.

The green lamp blinks.
The subject cannot be brought into focus.



Subject with low contrast

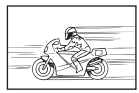
Subject with an extremely bright area in the center of the frame



Subject without vertical lines

The green lamp lights, but the subject cannot be brought into focus.

Subjects at different distances



Fast-moving subject

The subject is not in the center of the frame

In these cases, focus (focus lock) on an object with high contrast at the same distance as the intended subject, recompose your shot and then take the picture. If the subject has no vertical lines, hold the camera vertically and focus the camera using the focus lock function by pressing the shutter button halfway, then return the camera to the horizontal position while keeping the button pressed halfway and take the picture.

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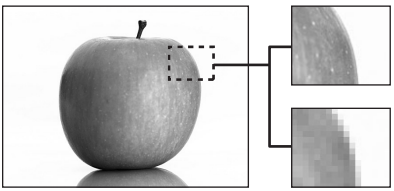
Record mode

You can select a record mode in which to take pictures or shoot movies. Select the best record mode for your purpose (printing, editing on a computer, website editing, etc.). For information on the image sizes for each record mode and the number of storable still pictures/movie recording time, see the tables on P. 26 and 27.

Still picture record modes

Still pictures are recorded in JPEG format.
Record mode depicts the image size and compression rate of your pictures.
Pictures are made from thousands of dots (pixels). If a picture with relatively few pixels is enlarged, it looks like a mosaic. Pictures with more pixels are denser and clearer but require more space (larger file size), thus decreasing the number of pictures that can be saved. Though a high compression rate results in a small file size, this also produces a grainy look.



Picture with high number of pixels

Picture with low number of pixels

Record mode	Image size	Compression	Application
SHQ	3264 × 2448	Low compression	The number of storable still pictures is lower, and recording pictures takes longer, but it is useful for creating beautiful prints on full-size paper and for performing computer image processing, such as contrast adjustment and red-eye correction.
HQ	3264 × 2448	High compression	
SQ1	2560 × 1920	High compression	This is useful for post-card sized prints, or for computer editing such as rotating or adding text to a picture.
	2272 × 1704		
	2048 × 1536		
SQ2	1600 × 1200	Standard compression	Standard image quality with a high number of pictures to shoot. This is useful for viewing pictures on a computer.
	1280 × 960		
	1024 × 768		Standard image quality. This is useful for sending as e-mail attachments.
	640 × 480	Low compression	

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Image size
The number of pixels (horizontal × vertical) used when saving an image. You can save your pictures at a large image size to get clearer prints. However, as the image size increases, the file size (data size) also increases, which decreases the number of pictures that can be saved.

Compression
Pictures are compressed and saved. The higher the compression, the less clear the image will be.

Movie record modes

Movies are recorded in Motion-JPEG format.

Number of storable still pictures/remaining recording time

For still pictures

Record mode	Image size	Number of storable still pictures			
		Internal memory		Using a 128 MB card	
		With sound	Without sound	With sound	Without sound
SHQ	3264 × 2448	4	4	31	31
HQ	3264 × 2448	9	9	61	62
SQ1	2560 × 1920	15	15	102	105
	2272 × 1704	19	19	126	130
	2048 × 1536	23	24	156	163
SQ2	1600 × 1200	28	29	185	194
	1280 × 960	42	46	285	307
	1024 × 768	63	70	420	469
	640 × 480	96	114	614	726

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For movies

Record mode	Image size	Remaining recording time (sec.)	
		Internal memory	Using a 128 MB card
SHQ	640 × 480 (15 frames/sec.)	15	110
HQ	320 × 240 (15 frames/sec.)	50	320
SQ	160 × 120 (15 frames/sec.)	125	800

Number of storable still pictures

Remaining recording time

TIPS

- When a picture is transferred to a computer, the size of the picture on the computer screen varies depending on the computer's monitor setting. For instance, a picture taken with an image size of 1,024 × 768 fills the screen if you set the picture to 1× when the monitor setting is 1,024 × 768. However, if the monitor setting is over 1,024 × 768 (such as 1,280 × 1,024), the picture only takes up part of the screen.

Note

- The number of storable still pictures and remaining recording time listed in the tables are approximate.
- The number of storable still pictures may change according to the subject or factors like whether print reservations or album entries have been made or not. In certain instances, the number of remaining pictures does not change even when you take new pictures or erase stored pictures.

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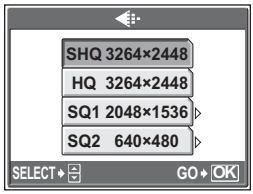
Changing the record mode

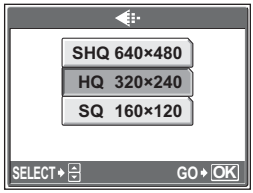
Top menu ▶ [ ] ☞"Using the menus" (P. 16)

1 **For still pictures, select from [SHQ], [HQ], [SQ1] or [SQ2].**



For still pictures

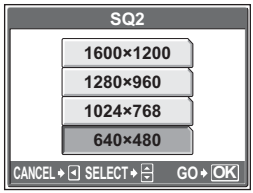
For movies, select from [SHQ 640 × 480], [HQ 320 × 240], and [SQ 160 × 120].



For movies

2 **When [SQ1] or [SQ2] is selected, press ▷ to select the image size.**

3 **Press OK.**



When [SQ2] is selected

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The internal memory and memory card

Pictures taken are recorded in the internal memory.
Pictures can also be recorded on the optional xD-Picture Card (“card”).
The card can be used to record more pictures than is possible with the internal memory of the camera. A card can be convenient when taking many pictures while on a trip.

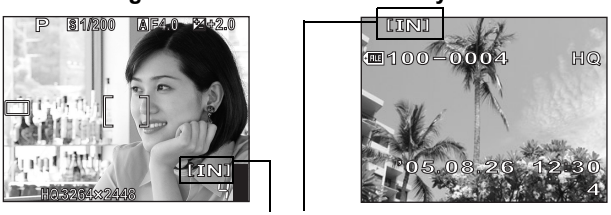
● Internal memory basics

The internal memory is the camera’s media for recording pictures, similar to film in a film camera.
Pictures recorded to the internal memory can be easily erased on the camera or processed using a computer. Unlike portable storage media, the internal memory cannot be removed or exchanged.

● Using the internal memory with a card

You can confirm on the monitor whether the internal memory or card is being used during shooting and playback operations.

Shooting mode **Playback mode**



Memory indicator

Monitor indication	Shooting mode	Playback mode
[IN]	Pictures are recorded to the internal memory.	Pictures are being played back from the internal memory.
[xD]	Pictures are recorded to a card.	Pictures are being played back from a card.

- The internal memory and a card cannot be used at the same time.
- The internal memory cannot be used for shooting or playback operations when a card is inserted in the camera. Remove the card before using the internal memory.
- Pictures recorded to the internal memory can be copied to a card. ☞“Copying pictures in the internal memory to the card (BACKUP)” (P. 80)

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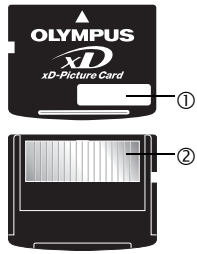
The card

The card is a medium for recording pictures, similar to film in a film camera. Pictures recorded to the card can be easily erased on the camera or processed using a computer. The number of recordable pictures can be increased by using a card with a larger capacity.

① Index area
You can use this space to write the contents of the card.

② Contact area
The part where the data transferred from the camera enters the card.



Compatible cards

xD-Picture Card (16MB – 1GB)

Note

- This camera may not recognize a non-OLYMPUS card or a card that was formatted on another device (such as a computer, etc.). Make sure to format the card on this camera before use. ☞"Formatting the internal memory or card (MEMORY FORMAT/FORMAT)" (P. 83)

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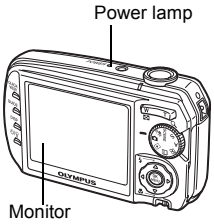
Inserting and removing the card

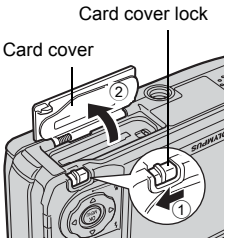
1 **Make sure the camera is turned off.**

- The power lamp is off.
- The monitor is off.
- The lens is retracted.



2 **Slide the card cover lock.**

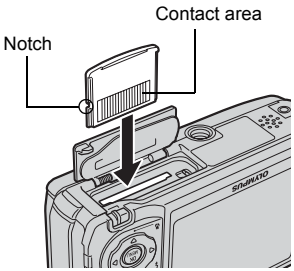
- The card cover opens.



● Inserting the card

3 **Orient the card as shown, and insert it into the card slot as shown in the illustration.**

- Insert the card straight in.
- Insert the card until it clicks into place.
- Inserting the card in the wrong direction or at an angle may damage the contacts and prevent the card from being removed.
- The card may not record properly if it is not inserted all the way in.



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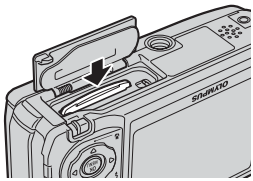
● Removing the card

3 **Push the card all the way in and release slowly.**

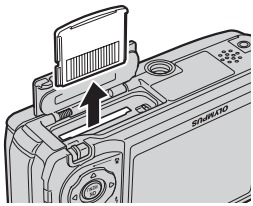
- The card protrudes slightly and stops.

Caution

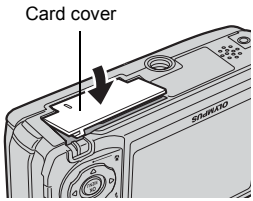
Releasing your finger quickly after pushing the card all the way in may cause it to eject forcefully out of the slot.



- Grasp the card and remove.



4 **Close the card cover.**



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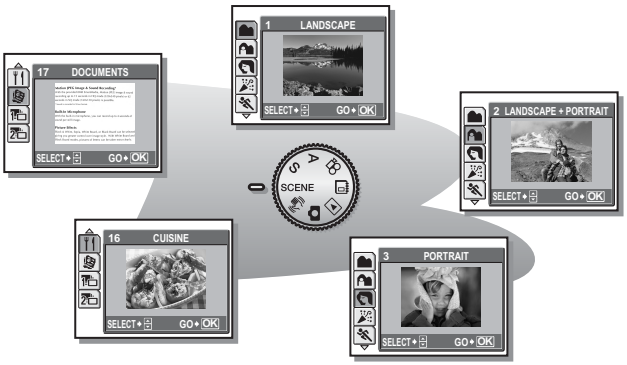
Basic shooting functions

3

A professional photographer adjusts the exposure to the optimal setting, chooses the best focusing method and even selects the type of film according to the subject.
With a digital camera, you don't need to learn how to make difficult settings. Your camera will adjust the settings for you! All you have to do is choose a scene mode for whatever you want to take, whether a landscape, a night scene, or a portrait-style image, and the camera will set the best exposure and white balance.
There's nothing to it–just press the shutter button!



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Selecting a scene according to the situation (SCENE)

When you select a scene according to the situation or conditions, the camera automatically selects the optimal settings.
In order to produce specialized effects, some scenes limit control of certain functions. For details, refer to “Functions available in shooting modes and scenes” (P. 155).

● SCENE mode

Landscape

Suitable for taking pictures of landscapes and other outdoor scenes. Blues and greens are vividly reproduced.

Landscape + Portrait

Suitable for taking pictures of your subject against a distant background. Blues, greens, and skin tones are vividly reproduced.

Portrait

Suitable for taking portrait pictures. This mode accentuates the skin texture of the portrait subject.

Indoor

Suitable for taking pictures of people indoors. The atmosphere of the background is also vividly reproduced.

Sports

Suitable for capturing fast-moving action. Even fast-moving subjects appear to be stationary.

Beach & Snow

Suitable for taking pictures on a sunny day at the beach or in the snow. You can take pictures of your subject against a beautiful sky or landscape.

Behind Glass

Suitable for shooting a subject through glass.
The flash cannot be used. Hold the camera as steady as possible.

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Self Portrait + Self Timer

Suitable for taking pictures on a trip. Use the self-timer to include yourself in your landscape pictures.

Self Portrait

Suitable for taking self-portrait pictures.

Sunset*

Suitable for taking pictures of the evening sunlight. Reds and yellows are vividly reproduced.
The flash cannot be used. Hold the camera as steady as possible.

Available Light Portrait*

Suitable for shooting subjects in low light conditions without a flash.
The flash cannot be used. Hold the camera as steady as possible.

Night Scene*

Suitable for taking pictures in the evening or at night. The camera sets a slower shutter speed than is used in normal shooting.
The shutter speed is slow. Hold the camera as steady as possible.

Night + Portrait*

Suitable for taking pictures of your subject against a distant night scene. The camera sets a slower shutter speed than is used in normal shooting.
The shutter speed is slow. Hold the camera as steady as possible.

Fireworks*

Suitable for taking pictures of fireworks displays. The camera sets a slower shutter speed than is used in normal shooting.
The flash cannot be used. Hold the camera as steady as possible.

Candle*

Suitable for capturing the atmosphere of a candle-lit scene. Warm colors are reproduced.
The flash cannot be used. Hold the camera as steady as possible.

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Cuisine

Suitable for taking pictures of food. Food colors are vibrantly reproduced.

Documents

Suitable for taking pictures of documents or time schedules. The contrast between the text and background is enhanced.
The flash cannot be used. Hold the camera as steady as possible.

Shoot & Select1 / Shoot & Select2

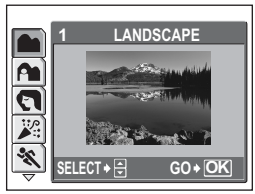
Pictures are taken in succession. You can erase unwanted pictures before saving the ones you want. Suitable for taking moving subjects.

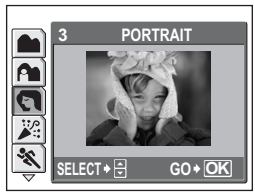
Shoot & Select1 ( ) Focus is locked at the first frame.
Shoot & Select2 ( ) Takes pictures in succession, adjusting the focus 1 frame at a time.

* Noise reduction is automatically enabled when the subject is dark. Processing time between shots is doubled and you cannot take pictures during this time.

SCENE

1 Press △▽ to select a scene, and press OK.





2 Take the picture.

- For shoot & select, hold down the shutter button.
- Press ▷ to change the scene. The scene selection screen is displayed.

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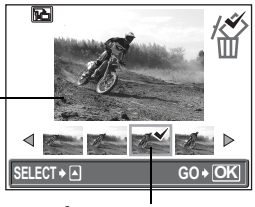
● When [SHOOT & SELECT1] or [SHOOT & SELECT2] is selected

- After taking your pictures, the screen for selecting which pictures to erase is displayed.



The picture with the cursor is enlarged.

The ✓ icon is displayed on the selected picture.

① Press ◁▷ to select the picture you want to erase, and press △. Repeat Step ① to erase multiple pictures.
② When you have selected all the unwanted pictures, press OK.
③ Select [YES], and press OK.
- The selected pictures are erased, and only the remaining pictures are saved.

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Zooming in on your subject

Using the zoom

You can zoom in on your subject using the optical zoom and digital zoom. With the optical zoom, the image is enlarged on the CCD when the lens magnification is changed, and the image is formed by all the CCD pixels. With the digital zoom, the area at the center of the image captured by the CCD is cropped and enlarged. Because digital zoom takes a small area of the picture and enlarges it, the picture becomes grainy as the digital zoom magnification increases.

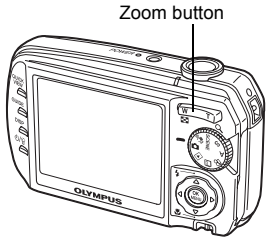
The following zoom magnifications are available on this camera.

Optical zoom 3× (equivalent to 38 mm to 114 mm on a 35 mm camera)

Optical zoom × digital zoom Max. 15×

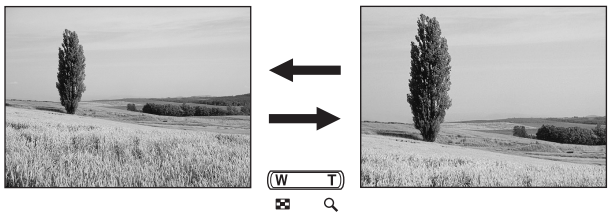
Note that camera movement is likely to occur at higher magnifications.

1 Press the zoom button.



Zoom out:
Press W on the zoom button.

Zoom in:
Press T on the zoom button.



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Using the digital zoom

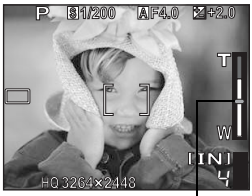
SCENE S A

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [DIGITAL ZOOM] ▶ [ON] / [OFF]

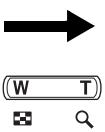
☞"Using the menus" (P. 16)

1 Press T on the zoom button.

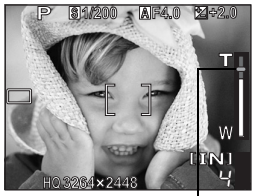
Optical zoom



The white area of the zoom indicator indicates the optical zoom. If the [DIGITAL ZOOM] is set to [ON], a red area is displayed on the zoom indicator. When you reach the limit of the optical zoom, the digital zoom is enabled.



Digital zoom



The cursor turns orange when inside the digital zoom area.

Note

- Taking a picture with the digital zoom may cause the picture to appear grainy.

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Using macro/super macro mode

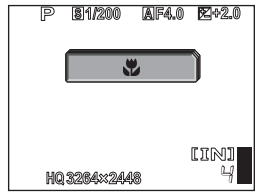
Set the camera to macro mode when taking pictures close (20 cm/7.9 in. to 50 cm/19.7 in.) to your subject.

This mode lets you shoot from as close as 20 cm/7.9 in. to your subject.
This mode lets you shoot from as close as 3 cm/1.2 in. to your subject. The position of the zoom is fixed automatically and cannot be changed.

1 **Press ▽ repeatedly to set [ ] or [ ].**

☞ “Direct buttons” (P. 11)

- After 2 seconds of non-operation, the selection is set and the mode selection screen disappears.



2 **Take the picture.**

Note

- During super macro mode, the zoom and flash are not available.

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Flash shooting

Select the flash mode best suited to the light conditions and the effect you want to achieve.

Flash working range
W (max.): Approx. 0.2 m to 6.5 m (0.7 ft. to 21.3 ft.)
T (max.): Approx. 0.2 m to 3.5 m (0.7 ft. to 11.5 ft.)

Auto-flash (No indication)

The flash fires automatically in low light or backlight conditions.

Red-eye reduction flash (◉)

The light from the flash may make the subject's eyes appear red in the picture. The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash.

The subject's eyes appear red.

Note

- After the pre-flashes, it takes about 1 second before the shutter is released. Hold the camera firmly to avoid camera movement.
- Effectiveness may be limited if the subject is not looking directly at the pre-flashes, or if the shooting range is too far. Individual physical characteristics may also limit effectiveness.

Red-eye fill-in flash (◉ϟ)

This always emits pre-flashes for red-eye reduction. Only available in **S** mode.

Fill-in flash (ϟ)

The flash fires regardless of the available light. This mode is useful for eliminating shadows on the subject's face (such as shadows from tree leaves), in a backlight situation, or for correcting the color shift produced by artificial lighting (especially fluorescent light).

Note

- The fill-in flash may not have the desired effect under excessively bright light.

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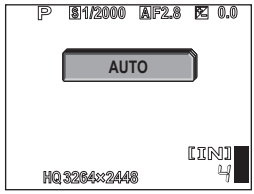
Flash off (⚡)

The flash does not fire even in low light conditions. Use this mode in situations where flash photography is not desired or is prohibited. You can also use this mode when shooting landscapes, sunsets, and other subjects outside the range of the flash.

Note

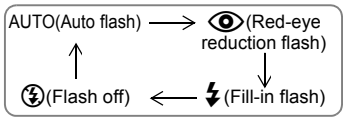
- Since a slow shutter speed is automatically selected in low light situations when in the flash off mode, the use of a tripod is recommended to prevent your pictures from being blurred by camera movement.

1 **Press △⚡ repeatedly to set the flash mode.**

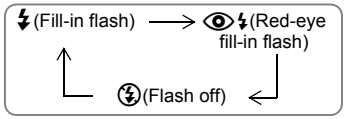


☞"Direct buttons" (P. 11)

- After 2 seconds of non-operation, the selection is set and the mode selection screen disappears.
- Each time you press △⚡, the flash mode changes in the following order.

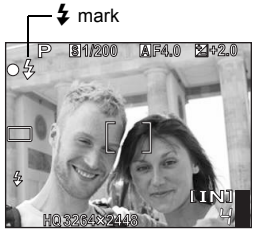


- In **S** mode, the flash mode changes in the following order.



2 **Press the shutter button halfway.**

- In conditions where the flash will fire, the ⚡ mark lights (flash stand-by).



3 **Press the shutter button fully to take the picture.**

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TIPS

The ϟ (flash charge) mark blinks.
→Flash charging. Wait until the ϟ mark turns off.

Note

- During panorama and super macro mode, the flash is not available.
- The flash may not give you the optimum result in macro mode with the zoom set to wide-angle (W). Check the resulting picture on the monitor.

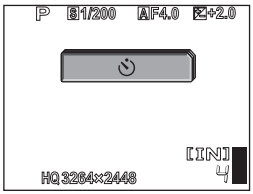
Self-timer shooting

This function lets you take pictures using the self-timer. Fix the camera securely on a tripod for self-timer shooting. This function is useful for taking pictures when you want to be included in the photograph.

1 **Press the ⏲ button repeatedly and set to [⏲].**

☞ “Direct buttons” (P. 11)

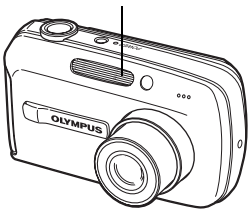
- After 2 seconds of non-operation, the selection is set and the mode selection screen disappears.



2 **Press the shutter button fully to take the picture.**

- Pressing the shutter button halfway locks the focus and exposure.
- The self-timer/remote control lamp lights for approximately 10 seconds, blinks for approximately 2 seconds, and then the picture is taken.
- To stop shooting while in 🎞 mode, press the shutter button fully again.
- To cancel the self-timer, press the ⏲ button.
- The self-timer mode is automatically canceled after one shot.

Self-timer/Remote control lamp



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Recording movies

This function allows you to record movies.
During recording, the correct exposure is automatically maintained even if the subject moves, but the focus and zoom are locked. If the distance to the subject changes, you may lose focus.

1 Compose your picture.

- The remaining recording time is displayed on the monitor.
- You can use the zoom button to enlarge your subject.

Remaining recording time

2 Press the shutter button fully to start recording.

- Audio is recorded with the movie.
- The card access lamp blinks while the movie is being saved.
- During movie recording, the mark lights red.

3 Press the shutter button again to stop recording.

- When the remaining recording time has been used up, recording stops automatically.
- When there is space in the internal memory or the card, the remaining recording time (P. 27) is displayed, and the camera is ready to shoot.

TIPS

To use the zoom during movie recording
→Set [DIGITAL ZOOM] to [ON]. ☞"Using the digital zoom" (P. 39)

Note

- The remaining recording time may drop rapidly during recording. Try using the internal memory or card again after formatting it with your camera.
  ☞"Formatting the internal memory or card (MEMORY FORMAT/FORMAT)" (P. 83)
- In mode, the flash is not available.

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Additional shooting functions

4

Taking pictures like a pro...
Adjust the brightness or white balance of the picture, change the focusing area depending on the subject, and make use of other useful functions to create professional-like pictures.

At a sporting event
Try various shutter speeds and capture the excitement. Or use sequential shooting mode to take a succession of shots of a goal and pick out the best ones later.

In the country or at a tourist spot
Use panorama mode to capture a beautiful mountain range or impressive building.

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Shooting pictures using image blur reduction

This function reduces the blur incurred by a moving subject or camera movement when taking pictures.

1 **Take the picture.**

Note

- When the camera moves a lot or the subject is moving quickly, the reduction function may not operate effectively.
- Shooting in mode limits the picture size to [2048 × 1536] or less. Even when the [] is set higher than [2048 × 1536], the picture is saved as [2048 × 1536].
- In mode, digital zoom is not available.

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Changing the shutter speed for shooting pictures

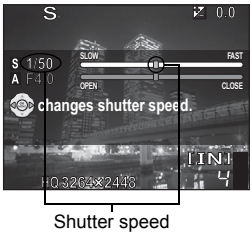
This function allows you to set the shutter speed manually. The camera sets the aperture automatically. Set the shutter speed according to the subject and the type of effect you want.

Setting a fast shutter speed lets you capture fast-moving action as though it was stopped in motion.

Setting a slow shutter speed blurs a moving subject, giving the impression of movement.

1 Press ◁▷ to set the shutter speed.

- The shutter speed bar is displayed.
  ◁ : Sets the shutter speed slower.
  ▷ : Sets the shutter speed faster.
  Shutter speed range: 4" to 1/1000
- When the exposure is correct, the shutter speed is displayed in green. When the correct exposure cannot be obtained, the shutter speed is displayed in red.



Note

- To avoid camera movement, you are recommended to use a tripod when taking pictures requiring a slow shutter speed.

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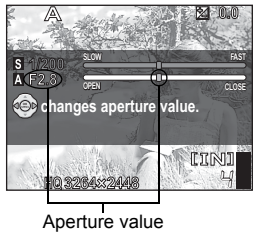
Changing the aperture value for shooting pictures

This function allows you to set the aperture manually. The camera sets the shutter speed automatically. By decreasing the aperture value (F-number), the camera will focus within a smaller range, producing a picture with a blurred background. Increasing the value forces the camera to focus over a wider range, resulting in increased depth of field which both the subject and the background are in focus. Use this mode when you want to play with how the background is depicted.

Aperture value (F-number) is decreased.

Aperture value (F-number) is increased.

1 Press ◁▷ to set the aperture value.



Aperture value

- The aperture value bar is displayed.
  ◁ : Opens the aperture (decreases the aperture value).
  ▷ : Closes the aperture (increases the aperture value).
  Aperture range:
  Wide angle: F2.8 to F8.0
  Telephoto: F4.9 to F8.0
- When the exposure is correct, the aperture value is displayed in green. When the correct exposure cannot be obtained, the aperture value is displayed in red.

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Changing picture brightness

In some situations, you may get better results when the exposure that the camera sets is compensated (adjusted) manually. You can adjust the exposure in the range of ±2.0 EV in 1/3 EV steps. When the exposure is changed, you can check the result on the monitor.

Top menu ▶ [ ] ☞"Using the menus" (P. 16)

1 Press △▽ to adjust the exposure, and press OK.

- Adjust toward [+] to brighten the image or [–] to darken the image.

2 Take the picture.

TIPS

- Often, bright subjects (such as snow) turn out darker than their natural colors. Adjust toward [+] to make these subjects closer to their real shades. To prevent the picture from getting brighter, adjust toward [–] when shooting dark subjects.

Note

- Sometimes, using the flash may not produce the brightness (exposure) that was intended.
- The effects of exposure compensation may be limited when the surroundings of the subject are extremely bright or dark.

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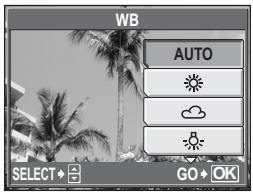
Adjusting the color of a picture WB

The color of the subject differs depending on lighting conditions. For instance, when daylight, the setting sun or tungsten lighting are reflected on white paper, the shade of white produced will be slightly different for each. By adjusting the white balance, you can achieve more natural-looking colors.

AUTO The white balance is adjusted automatically for natural color, regardless of the light source.
- For natural colors under a clear sky.
- For natural colors under a cloudy sky.
- For natural colors under tungsten lighting.
- For natural colors under daylight fluorescent lighting. This type of lamp is used mainly in homes.
- For shooting under a neutral white fluorescent lamp. This type of lamp is generally used in desk lamps, etc.
- For shooting under a white fluorescent lamp. This type of lamp is generally used in offices, etc.

Top menu ▸ [WB] ☞"Using the menus" (P. 16)

1 Select a white balance setting, and press ⊛.



TIPS

- You can select a white balance setting other than the actual light source, and enjoy the different color tones on the monitor.

Note

- White balance may not be effective under some special light sources.
- When taking pictures with the white balance on a setting other than [AUTO], play back the picture and check the colors on the monitor.
- When the flash is fired with a white balance setting other than [AUTO], colors may appear different in the resulting picture from the colors you see on the monitor.

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Changing the area for measuring the brightness of a subject (ESP/[•])

When taking pictures against backlight, the face of the subject may appear darker. With spot metering, the picture can be taken based on the brightness at the center of the monitor without being affected by the light in the background.

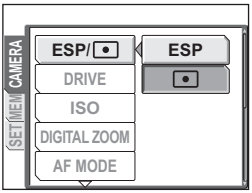
ESP Meters the brightness at the center of the monitor and the surrounding area separately to create a picture with balanced brightness. When taking pictures against strong backlight, the center of the picture may appear dark.

[•] Only the center of the monitor is metered. Suitable for taking a picture of the subject in the center of the monitor against backlight.

Top menu ▸ [MODE MENU] ▸ [CAMERA] ▸ [ESP/[•]]

☞ "Using the menus" (P. 16)

1 Select [ESP] or [[•]], and press [OK].



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Sequential shooting

You can take a sequence of pictures at one time while holding down the shutter button.

- Shoots 1 frame at a time when the shutter button is pressed.
- Focus, exposure and white balance are locked at the first frame. The sequential shooting speed varies depending on the record mode setting.
- **HI** Pictures can be taken at a faster speed than normal sequential shooting.

Top menu ▸ [MODE MENU] ▸ [CAMERA] ▸ [DRIVE] ▸ [ ] / [HI]

☞"Using the menus" (P. 16)

1 Take the picture.

- Press the shutter button fully and keep it pressed. The camera will take pictures in sequence until you release the button.

Note

- During high speed sequential shooting, the flash is not available.
- During panorama and two-in-one pictures, sequential shooting and high speed sequential shooting are not available.
- Shooting in [HI] limits the picture size to [2048 × 1536] or less. Even when the [ ] is set higher than [2048 × 1536], the picture is saved as [2048 × 1536].
- If the battery power is low and lights during sequential shooting, shooting stops and the camera starts saving the pictures you have taken. Whether or not all of the shots are saved depends on how much battery power remains.

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Changing ISO sensitivity (ISO)

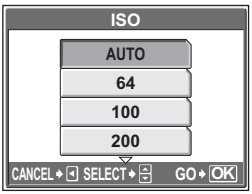
The higher the ISO, the better the camera's light sensitivity and ability to shoot in low light conditions. However, high sensitivity introduces noise into the resulting picture, which may give it a grainy appearance.

AUTO	Sensitivity is automatically adjusted according to the conditions of the subject.
64/100/200/ 400/800/1600	With a low ISO setting, you can shoot clear, sharp images in daylight. With a high ISO setting, you can shoot in dark places.

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [ISO]

☞"Using the menus" (P. 16)

1 Select the ISO from [AUTO], [64], [100], [200], [400], [800], and [1600], and then press ⊛.



Note

- ISO is based on the sensitivity of normal camera film.
- Shooting with the ISO set to [800] or [1600] limits the picture size to [2048 × 1536] or less. Even when the [◀⋮] is set higher than [2048 × 1536], the picture is saved as [2048 × 1536].
- When [ISO] is set to [AUTO], the sensitivity automatically increases if the subject is too far away for the flash to reach.
- In **SCENE** and (✋) modes, [ISO] is locked on [AUTO]. Moreover, in **A** and **S** modes, [AUTO] cannot be set.

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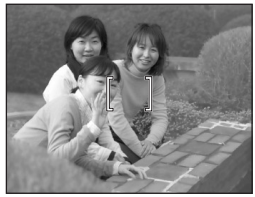
Changing the focusing area (AF MODE)

This function allows you to select how the camera focuses on your subject.

iESP The camera determines which subject within the screen to focus on. Even when the subject is not in the center of the screen, focusing is possible.
SPOT Focus selection is based on the subject within the AF target mark.

Subject suitable for [iESP]

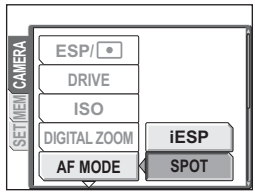


Subject suitable for [SPOT]

Top menu ▸ [MODE MENU] ▸ [CAMERA] ▸ [AF MODE]

☞ “Using the menus” (P. 16)

1 Select [iESP] or [SPOT], and press OK.



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Remote control shooting (optional)

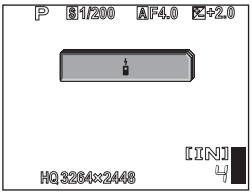
This function lets you take pictures using the optional remote control (RM-1). This is useful when you want to take a picture with yourself in it or a night scene without touching the camera.

1 **Mount the camera on a tripod or place it on a stable, flat surface.**

2 **Press the ⏲ button repeatedly to set [🎛].**

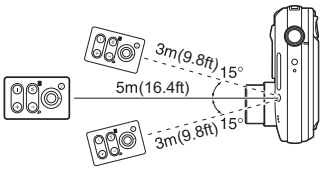
☞ “Direct buttons” (P. 11)

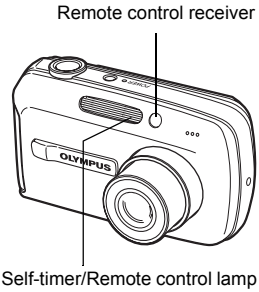
- After 2 seconds of non-operation, the selection is set and the mode selection screen disappears.



3 **Press the shutter button on the remote control.**

- The focus and exposure are locked. The self-timer/remote control lamp blinks for 2 seconds before taking the picture.





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TIPS

When the self-timer/remote control lamp does not blink after the shutter button on the remote control is pressed

→The remote control may be too far from the camera. Move closer to the camera and press the shutter button on the remote control again.

To operate the zoom from the remote control

→Aim the remote control at the receiver on the camera and press the W or T button on the remote control.

How to cancel remote control mode

→The remote control mode is not canceled automatically after shooting. Go to Step 2 and set to [/ OFF].

Note

- Remote control channel switching is not supported. Remote control operation is accepted from either channel.
- If the remote control receiver is exposed to strong light, the effective signal distance may be reduced or shooting may not take place.
- To take sequential pictures using the remote control, press and hold the shutter button on the remote control. If the camera does not receive the remote control signal properly, sequential shooting may stop.
- To view pictures using the remote control, refer to the instruction manual for the remote control.

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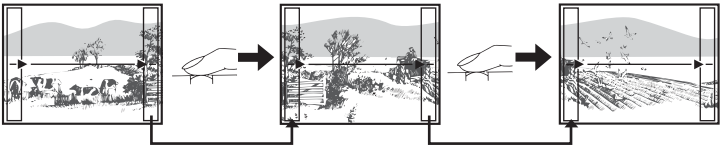
Panorama shooting

You can take advantage of panorama shooting with an Olympus xD-Picture Card. Panorama shooting lets you connect pictures with overlapping edges into a single panoramic picture, using the OLYMPUS Master software.



The part of the previous picture where it will be joined to the next picture does not remain in the frame on the edge of the screen. You have to remember what the part in the frame looked like and take the next picture so it overlaps. Compose your shots so that the right edge of the previous picture overlaps with the left edge of the next picture if you are connecting pictures from left to right (or vice versa if you are connecting pictures from right to left).

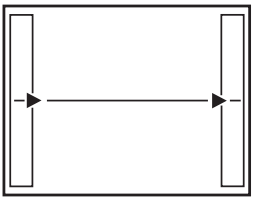
SCENE

Top menu ▸ [MODE MENU] ▸ [CAMERA] ▸ [PANORAMA]

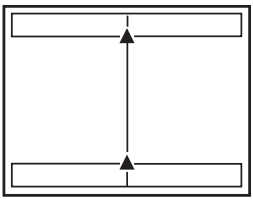
☞"Using the menus" (P. 16)

1 Use the arrow pad to choose at which edge you want to connect the pictures.

- ▷ : The next picture is connected at the right edge.
- ◁ : The next picture is connected at the left edge.
- △ : The next picture is connected at the top.
- ▽ : The next picture is connected at the bottom.



Connects pictures from left to right



Connects pictures from bottom to top

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2 Make sure that the edges of the pictures overlap, then take the pictures.

- The focus, exposure and white balance are set by the first picture. Do not select an extremely bright subject (such as the sun) for the first picture.
- You cannot adjust the zoom after the first picture.
- Panorama shooting is possible for up to 10 pictures.
- When you have taken 10 pictures, a warning mark is displayed.

3 Press OK to exit panorama shooting.

Note

- Panorama mode is not available when there is no card in the camera. Panorama mode is only available with Olympus cards.
- During panorama shooting, the flash, sequential shooting, high speed sequential shooting, and recording sound with still pictures are not available.
- The camera itself cannot connect panorama pictures. The OLYMPUS Master software is necessary to connect the pictures.

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Taking two-in-one pictures

This function allows you to combine two pictures taken in succession and save them as a single picture. This way you can enjoy having two subjects in one picture.

Picture when played back

SCENE S A

Top menu ▶ [MODE MENU] ▶ [CAMERA] ▶ [2 IN 1]

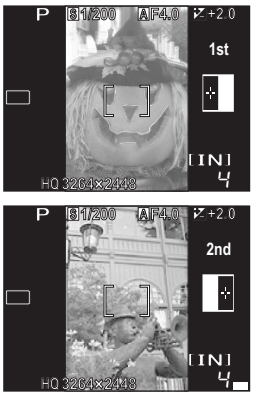
☞"Using the menus" (P. 16)

1 Take the first picture while viewing the monitor.

- The subject is positioned on the left in the combined picture.

2 Take the second picture.

- The subject is positioned on the right in the combined picture.
- The camera returns to the menu automatically after taking the second picture.



View when taking the picture

Note

- To cancel two-in-one picture shooting before taking any pictures, or after the first picture has been taken, press OK. The first picture will not be saved.
- If the camera enters sleep mode after the first picture, two-in-one picture shooting will be canceled.
- During two-in-one pictures, sequential shooting, high speed sequential shooting, and recording sound with pictures are not available.

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Recording sound with still pictures

Sound can be recorded when taking still pictures. Recording starts about 0.5 seconds after the shutter is released and lasts about 4 seconds. When this function is enabled, sound is recorded automatically every time you take a picture.

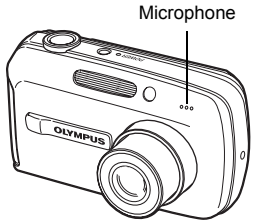
SCENE S A

Top menu ▸ [MODE MENU] ▸ [CAMERA] ▸ [🎙] ▸ [ON] / [OFF]

☞"Using the menus" (P. 16)

1 Take the picture.

- When recording starts, aim the camera microphone at the source of the sound you want to record.



TIPS

- [♪] is displayed when still pictures with sound are played back. During playback, sound is output from the speaker. The volume can be adjusted. ☞"Setting camera sounds (🔊)/SHUTTER SOUND/VOLUME)" (P. 89)
- Sound can be added later to still pictures. Recorded sound can also be re-recorded. ☞"Adding sound to still pictures" (P. 74)

Note

- If the microphone is farther than 1 m (3.3 ft.) from the subject, sound may not be recorded properly.
- Pictures cannot be taken during sound recording.
- Sound recording is not possible in the following cases:
  During sequential shooting, high-speed sequential shooting, panorama, and two-in-one pictures.
- Sound recording may also pick up camera noises, such as button operations, shutter movement, etc.
- Sound recording may not be possible if there is insufficient space in the internal memory or the card.

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Changing the monitor display (DISP)

This function displays histograms and lines that help you to compose your pictures. Also, you can change the amount of information that is displayed on the screen.

SCENE S A

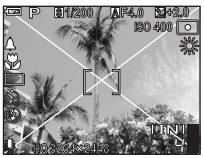
1 Press the DISP button repeatedly.

- Press the **DISP** button to change the display in the following order.
☞"Direct buttons" (P. 11)

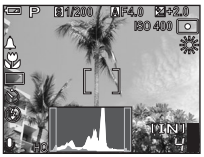
Displays the regular shooting information. For details on the information displayed, see "Monitor indications" (P. 160).

Displays horizontal and vertical lines.

Displays diagonal lines.



Displays only basic information.

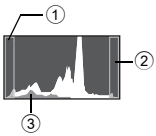


Displays a histogram showing the luminance distribution of the picture. This screen is not displayed in mode.

TIPS

How to read the histogram

① If the peak fills too much of the frame, the image will appear mostly black.
② If the peak fills too much of the frame, the image will appear mostly white.
③ The part indicated in green in the histogram shows the luminance distribution within the AF target mark.



Note

- The histogram displayed during shooting may differ from the histogram displayed during playback.

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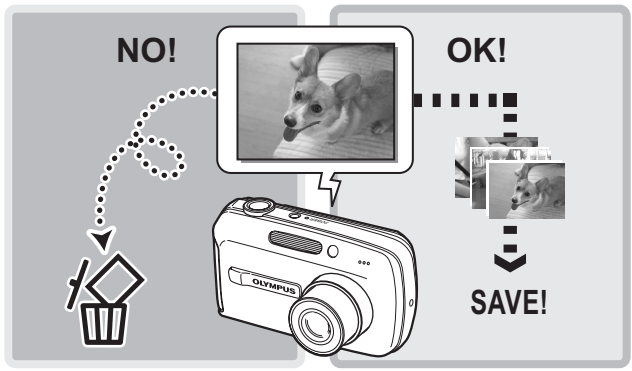
5 Playback

With film-type cameras, you cannot see the pictures you have taken until the film has been developed. And aren't you sometimes disappointed with the results when you do eventually see them? Pictures of blurred scenery or someone with their eyes shut. Or maybe you took several pictures of the same scene because you weren't sure whether they would come out or not. That's no way to record important memories!
With a digital camera, you can review your pictures immediately. Just play the picture back as soon as you've taken it. If you don't like what you see, erase and take it again. So don't be afraid of pictures not coming out well- just keep on pressing that shutter button!



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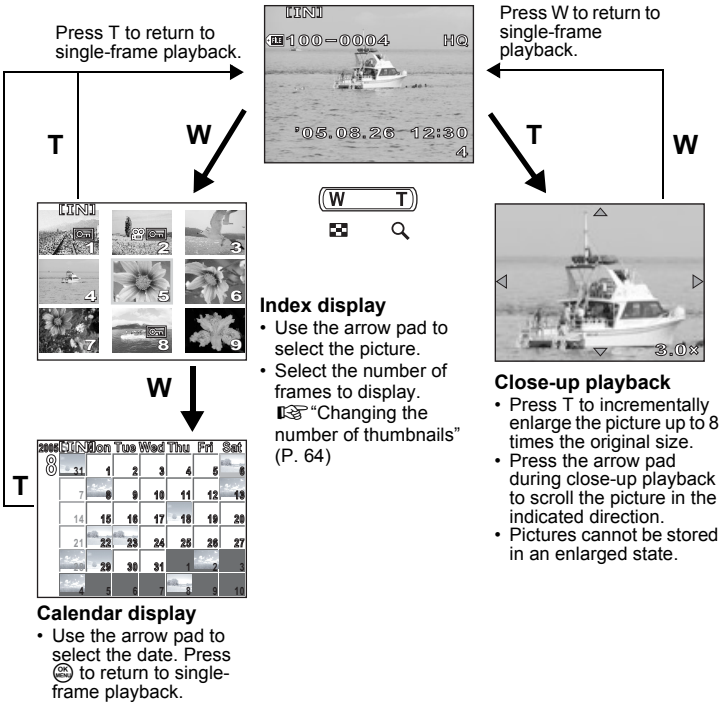
Playing back still pictures

The pictures on a card are played back if a card is inserted in the camera. Remove the card to play back pictures stored in the internal memory.

- The last picture taken is displayed on the monitor (single-frame playback).
- Pressing the **QUICK VIEW** button in shooting mode also enables single-frame playback.
- Use the arrow pad to browse the pictures.

1 Press T or W on the zoom button.

- You can view the pictures close up (close-up playback), as a thumbnail (index display), or in calendar form (calendar display).



Index display

- Use the arrow pad to select the picture.
- Select the number of frames to display. ☞"Changing the number of thumbnails" (P. 64)

Close-up playback

- Press T to incrementally enlarge the picture up to 8 times the original size.
- Press the arrow pad during close-up playback to scroll the picture in the indicated direction.
- Pictures cannot be stored in an enlarged state.

Calendar display

- Use the arrow pad to select the date. Press OK to return to single-frame playback.

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Changing the number of thumbnails

This function lets you select the number of thumbnails in an index display from 4, 9, 16, and 25.

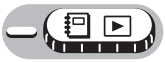
Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [▪] ▶ [4] / [9] / [16] / [25]

☞"Using the menus" (P. 16)

Picture rotation

Pictures taken with the camera held vertically are displayed horizontally. This function lets you turn such pictures 90° clockwise or counterclockwise so that they are displayed vertically.

Select the picture that you want to rotate and display the top menu.



Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [⟲] ▶ [+90°] / [0°] / [-90°]

☞"Using the menus" (P. 16)

- For 🗎: Top menu ▶ [ALBUM MENU] ▶ [⟲] ▶ [+90°] / [0°] / [-90°]

+90° 0° -90°

Note

- The following pictures cannot be rotated.
  Movies, protected pictures, computer-edited pictures, and pictures taken with another camera
- New picture orientations are saved even when the power is turned off.

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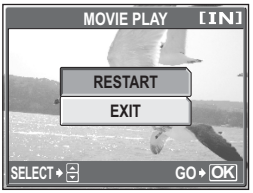
Playing back movies

This function lets you play back movies. You can fast forward the movie or play it back one frame at a time.
Select the movie that you want to play, then display the top menu.

Top menu ▶ [MOVIE PLAY] ☞"Using the menus" (P. 16)

- The movie is played back. When playback ends, the camera automatically returns to the beginning of the movie and displays the [MOVIE PLAY] menu.



● Operations during movie playback

Change the volume or speed during playback.
△ : Increases the volume.
▽ : Reduces the volume.
▷ : Each time you press the button, the playback speed changes in the following order: 2×; 20×; and back to 1×.
◁ : Plays the movie in reverse. Each time you press the button, the playback speed changes in the following order: 2×; 20×; and back to 1×.
OK : Pauses the movie.

● Operations during pause

You can play back the movie frame by frame.
△ : Displays the first frame.
▽ : Displays the last frame.
▷ : Displays the next frame.
◁ : Displays the previous frame.
OK : The [MOVIE PLAY] screen is displayed.

Playing time/Total recording time

Note

- The card access lamp blinks while the camera is reading the movie. Reading of movies may take some time. Do not open the card cover while the card access lamp is blinking. Doing so may damage the data in the internal memory or the card and render the internal memory or card unusable.

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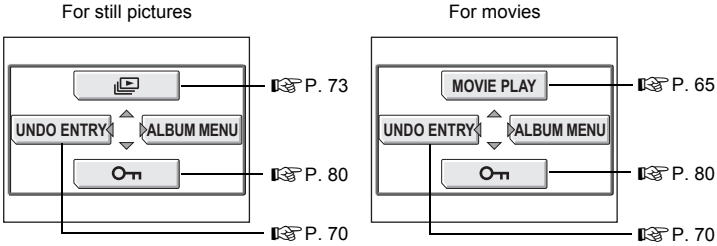
Viewing an album

Pictures recorded to the card can be organized by sorting them into albums. Pictures stored in the internal memory cannot be entered in albums.
You can enter up to 200 pictures into each of the available 12 albums. Using the provided OLYMPUS Master software, pictures on your computer can be entered in an album on a card.

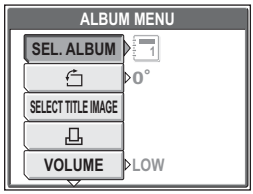
● mode menu

Set the mode dial to and press OK to display the top menu.
Make settings in the mode menu using the arrow pad and OK, like the normal shooting mode and playback mode. ☞"Menus" (P. 13)

Top menu



Album menu



Functions that can be set in [ALBUM MENU]

Function	Ref. Page	Function	Ref. Page
SEL. ALBUM	P. 69	VOLUME	P. 89
	P. 64		P. 91
SELECT TITLE IMAGE	P. 70	VIDEO OUT	P. 79
	P. 106		

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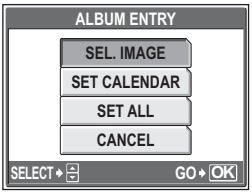
Adding pictures to an album (ALBUM ENTRY)

You can enter pictures or movies in an album.

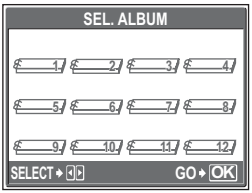
Top menu ▶ [ALBUM ENTRY] ☞"Using the menus" (P. 16)

1 **Select the album entry method.**

SEL. IMAGE	Selects one frame at a time for entry.
SET CALENDAR	Selects a date on the calendar display, and enters one picture from that date into the album.
SET ALL	Select all still pictures, or all movies, or all protected pictures, and enter them into one album.



2 **Press ◁▷ to select an album, and press OK.**



● SEL. IMAGE

3 **Press ◁▷ to select a picture to enter, and press △.**

- ✓ is displayed on the selected picture.
- Press △ again to cancel the selection.
- Repeat Step 3 to enter multiple pictures.
- Press T on the zoom button to display a picture using single-frame playback.

4 **After selecting all the pictures to enter, press OK.**

5 **Select [YES], and press OK.**

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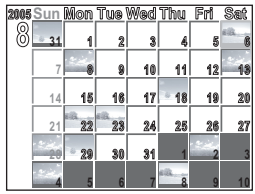
● SET CALENDAR

3 Press △▽◁▷ to select the date with pictures to enter in the album, and press ⓞ.

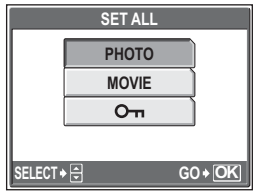
4 Select [YES], and press ⓞ.



● SET ALL

3 Select [PHOTO], [MOVIE] or [🔑], and press ⓞ.

4 Select [YES], and press ⓞ.



Note

- A format or all-frame erase will erase all the pictures, including those entered in albums.
- The same picture cannot be entered in multiple albums.

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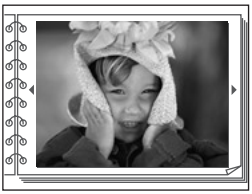
Viewing pictures in albums (SEL. ALBUM)

1 **Press ◁▷ to select an album to view, and press OK.**

- The title image for each album is displayed.

2 **Use the arrow pad to display the picture you want.**

▷ : Displays the next picture.
◁ : Displays the previous picture.
△ : Jumps to the picture 10 frames back.
▽ : Jumps to the picture 10 frames ahead.



- Press the **DISP** button to display screen information.
- When playing back still pictures, press T on the zoom button for close-up playback. During close-up playback, use the arrow pad to scroll.

TIPS

- To view pictures from other albums, press OK to display the top menu, and select [ALBUM MENU] ▶ [SEL. ALBUM]. Then select the album to view.

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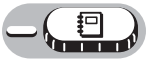
Selecting an album cover (SELECT TITLE IMAGE)

You can change the title image (first frame in album) displayed on the [SEL. ALBUM] screen.
Select the album to change, then display the top menu.



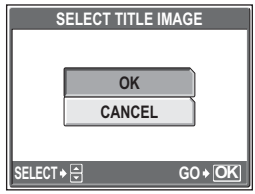
Top menu ▸ [ALBUM MENU] ▸ [SELECT TITLE IMAGE]

☞"Using the menus" (P. 16)

1 **Press ◁▷ to select the picture for the title image, and press (OK).**

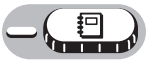
2 **Select [OK], and press (OK).**

- The title image for the album is changed.



Undoing album entries (UNDO ENTRY)

You can cancel pictures entered in an album. The picture will still be saved on the card. This only removes the picture from the album.
Select the album containing the picture to undo, then display the top menu.

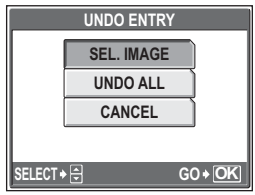


Top menu ▸ [UNDO ENTRY]

☞"Using the menus" (P. 16)

1 **Select the album undo method, and press (OK).**

SEL. IMAGE	Selects one frame at a time to undo.
UNDO ALL	This will undo all images in the album.



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● SEL. IMAGE

2 **Press ◁▷ to select the pictures to undo, and press △.**

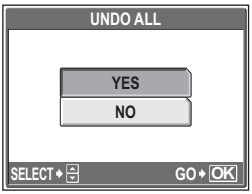
- ✓ is displayed on the selected picture.
- Press △ again to cancel the selection.
- Repeat Step 2 to undo multiple pictures.
- Press T on the zoom button to display a picture using single-frame playback.

3 **After selecting all the pictures to undo, press ⊛.**

4 **Select [YES], and press ⊛.**

● UNDO ALL

2 **Select [YES], and press ⊛.**



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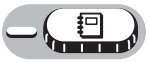
Erasing pictures from albums

You can erase pictures entered in an album. Unlike undoing album pictures, this erases the picture from the card.

Note

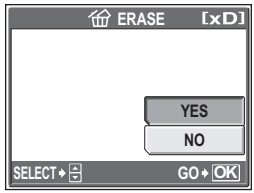
- You cannot erase protected pictures. Cancel protection before erasing such pictures. ☞"Protecting pictures" (P. 80)
- Once erased, pictures cannot be restored. To only remove pictures from the album, use [UNDO ENTRY]. ☞"Undoing album entries (UNDO ENTRY)" (P. 70)



1 **Select the picture you want to erase, and press the 🗑 button.**

☞ "Direct buttons" (P. 11)

2 **Select [YES], and press OK.**



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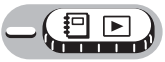
Slideshow

This function displays still pictures stored in the internal memory or the card one after another. You can select from 4 different transition effects. In addition, you can view your pictures to the accompaniment of background music. Only the first frame of each movie is displayed.

NORMAL	The pictures are played back one at a time.
FADER	The next picture gradually fades in.
SLIDE	The next picture slides in from the top of the screen.
ZOOM	The next picture gradually enlarges from the center of the screen.

Select a still picture and display the top menu.

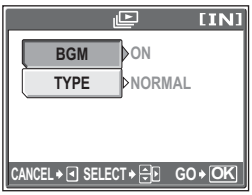


Top menu ▸ [▶]

☞ “Using the menus” (P. 16)

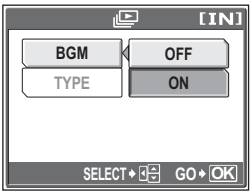
1 **Select [BGM], and press ▷.**

- Press OK while this screen is displayed to start the slideshow.



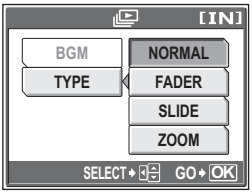
2 **Select [ON] or [OFF], and press OK.**

- When [BGM] is [ON], the sound recorded with still pictures is not played back.



3 **Select [TYPE], and press ▷.**

4 **Select a transition effect for the slideshow, and press OK.**



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5 **Press ⊛.**

- The slideshow starts.
- The slideshow will not stop until you cancel it by pressing ⊛.

TIPS

- During index display, the slideshow is displayed in index format.

Note

- You are recommended to use the optional AC adapter when running a slideshow for a long period of time. The camera will enter sleep mode after about 30 minutes and stop the slideshow automatically.

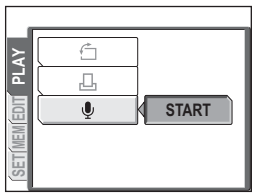
Adding sound to still pictures

Sound can be added to a still picture that you have already taken. You can also re-record over the sound that has already been recorded. Total recording time per picture is approximately 4 seconds.

Select the still picture to which you want to add sound and display the top menu.

Top menu ▸ [MODE MENU] ▸ [PLAY] ▸ [🎙] ☞"Using the menus" (P. 16)

1 **Press ▷ to display [START].**



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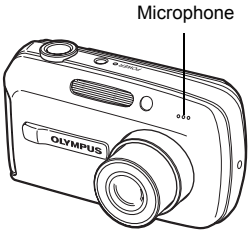
2 Aim the camera microphone toward the sound you want to record, and press OK to start recording.

- The [BUSY] bar is displayed during recording.



Note

- If the microphone is farther than 1 m (3.3 ft.) from the subject, sound may not be recorded properly.
- If you re-record the sound, the original sound is erased.
- Sound recording is not possible if there is insufficient space in the internal memory or on the card.
- The microphone may pick up the sound of buttons operated.
- Once sound is added to a picture, it is not possible to erase the sound. In this case, make a re-recording with silence.

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Editing still pictures (REDEYE FIX/ BLACK & WHITE/SEPIA/)

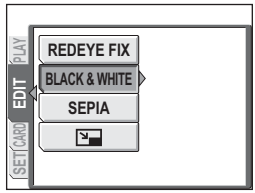
This function lets you edit still pictures saved on a card and store them as new pictures. The following editing operations are possible.

REDEYE FIX	Corrects the red-eye phenomenon caused by the flash making the subject's eyes appear red in the picture, and saves the picture as a new file.
BLACK & WHITE	Changes the picture to black and white and saves it as a new file.
SEPIA	Changes the picture to sepia and saves it as a new file.
	Changes the image size to 1280 × 960, 640 × 480 or 320 × 240 and saves the picture as a new file.

Select the picture that you want to edit and display the top menu.

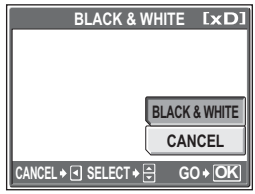
Top menu ▶ [MODE MENU] ▶ [EDIT] ☞"Using the menus" (P. 16)

1 **Select [REDEYE FIX], [BLACK & WHITE], [SEPIA], or [ ], and press ▷.**



2 **●When [REDEYE FIX], [BLACK & WHITE] or [SEPIA] is selected**

Select [BLACK & WHITE] (or the respective function selected in the previous step), and press ⊛.



[BLACK & WHITE]

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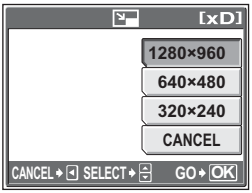
●When [▣] is selected

Select [1280 × 960], [640 × 480], or [320 × 240], and press OK.



- The [BUSY] bar is displayed and after the image is saved, the camera returns to the playback mode.

Note

- The following cannot be edited with [REDEYE FIX], [BLACK & WHITE], [SEPIA], or [▣]:
  Card with insufficient space, movies, computer-edited pictures, pictures taken with another camera, or pictures in the internal memory.

Making an index picture from a movie (INDEX)

This function extracts 9 frames from a movie on the card and displays them on 1 screen as an index, which is stored on the card as a still picture.

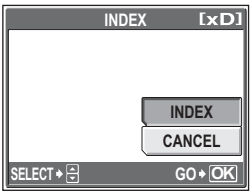
Select a movie that you want to edit and display the top menu.

Top menu ▶ [MODE MENU] ▶ [EDIT] ▶ [INDEX]

☞"Using the menus" (P. 16)

1 Select [INDEX], and press OK.

- The [BUSY] bar is displayed. The 9 frames extracted from the movie are displayed in index format, and the camera returns to playback mode. The index is stored as a new picture.



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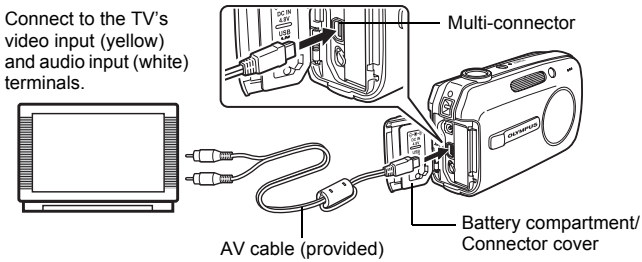
Note

- The interval between the frames that are automatically extracted varies depending on the length of the movie.
- Indexes cannot be created with [INDEX] for movies stored in the internal memory.
- You cannot create an index if there is insufficient space on the card.

Playing back pictures on a TV

Use the provided AV cable to play back recorded images on your TV. You can play back both still pictures and movies on your TV.

1 **Make sure that the TV and camera are turned off. Connect the multi-connector on the camera to the video input terminal on the TV using the provided AV cable.**


Connect to the TV's video input (yellow) and audio input (white) terminals.
Multi-connector
AV cable (provided)
Battery compartment/ Connector cover

2 **Turn the TV on, and set it to video input mode.**

- For details of switching to video input, refer to your TV's instruction manual.

3 **Press the POWER button to turn the camera on.**

- The last picture taken is displayed on the TV. Use the arrow pad to select the picture you want to display.
- The camera's monitor stays off.

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TIPS

- The close-up playback, index display and slideshow functions can also be used on a TV screen.
- You are recommended to use the optional AC adapter when playing back pictures on a TV.

Note

- Make sure that the camera's video output signal is the same as the TV's video signal. ☞"Video output" (P. 79)
- Be sure to use the provided AV cable to connect the camera to the TV.
- The picture may appear off-center on the TV screen.

Video output

You can select [NTSC] or [PAL] according to your TV's video signal type. Use this setting when playing back pictures on a TV in a foreign country. Select the [VIDEO OUT] signal before connecting the AV cable. If you select the wrong video signal type, you will not be able to play back the recorded pictures properly on the TV.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [VIDEO OUT] ▶ [NTSC] / [PAL]
☞"Using the menus" (P. 16)

- For : Top menu ▶ [ALBUM MENU] ▶ [VIDEO OUT] ▶ [NTSC] / [PAL]

TIPS

TV video signal types by country/region

Check the video signal type before connecting the camera to the TV.

NTSC North America, Taiwan, Korea, Japan
PAL European countries, China

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Protecting pictures

You are recommended to protect important pictures to avoid accidentally erasing them. Protected pictures cannot be erased by the single-frame/all-frame erase function, but they are all erased by formatting.

Select the picture you want to protect and display the top menu.

Top menu ▶ [O-n] ☞"Using the menus" (P. 16)

- Select [O-n] from the top menu to set/cancel protection.

Displayed when a picture is protected.

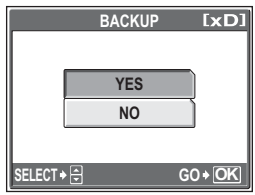
Copying pictures in the internal memory to the card (BACKUP)

Pictures recorded to the internal memory can be copied to a card (backup). A backup does not erase the picture in the internal memory.
You need an optional card to use the backup function. Insert the card into the camera before using this function.

Top menu ▶ [MODE MENU] ▶ [CARD] ▶ [BACKUP]
☞"Using the menus" (P. 16)

1 **Select [YES], and press ⊛.**

- All image data in the internal memory is copied to the card.



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Note

- When there is not enough space left on the card, [CARD FULL] is displayed and backup is canceled.
- If the battery power runs out while the camera is backing up the data, the image data may be lost or damaged. It is recommended that you use the AC adapter.
- Never open the card cover or remove the battery while the camera is backing up data. Also, do not connect or disconnect the AC adapter. The internal memory or the card may not operate properly.

Erasing pictures

This function erases recorded pictures. Pictures can be erased either one at a time or all the pictures in the internal memory or on the card.

Note

- You cannot erase protected pictures. Cancel protection before erasing such pictures.
- Once erased, pictures cannot be restored. Check each picture before erasing to avoid accidentally erasing pictures you want to keep. ☞"Protecting pictures" (P. 80)

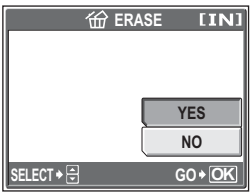
Single-frame erase

1 **Select the picture you want to erase, and press the 🗑 button.**

☞ "Direct buttons" (P. 11)

2 **Select [YES], and press OK.**

- The displayed picture is erased.



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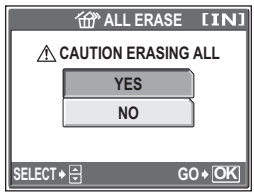
All-frame erase

Top menu ▸ [MODE MENU] ▸ [MEMORY (CARD)] ▸ [ALL ERASE]

☞ “Using the menus” (P. 16)

1 **Select [YES], and press ⊛.**

- All the pictures are erased.



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Formatting the internal memory or card (MEMORY FORMAT/FORMAT)

For formatting internal memory or cards. Formatting prepares the card or internal memory to receive data.

- Make sure there is no card inserted in the camera when formatting the internal memory.
- Be sure that the card is inserted in the camera when formatting the card.
- Before using non-OLYMPUS cards or cards which have been formatted on a computer, you must format them with this camera.

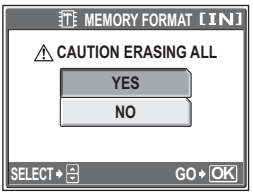
All existing data, including protected pictures, are erased when the internal memory or the card is formatted. Make sure that you save or transfer important data to a computer before formatting the internal memory or the card.

Top menu ▶ [MODE MENU] ▶ [MEMORY (CARD)] ▶ [MEMORY FORMAT (FORMAT)]

☞"Using the menus" (P. 16)

1 Select [YES], and press ⓞ.

- The [BUSY] bar is displayed while the internal memory or the card is formatted.



Note

- Do not do any of the following during formatting as such actions may damage the card.
  Opening the battery compartment/connector cover, opening the card cover, connecting or disconnecting the AC adapter (regardless of whether there is a battery in the camera or not)

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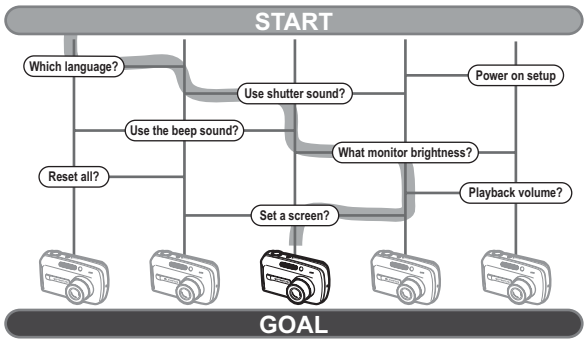
6 Settings

One of the key features of a digital camera is that you can view the pictures you have taken immediately.
But that isn't all.
For example, you can customize the startup screen with your own picture, select the beep or shutter sounds, or set alarms.
Making use of these functions will make such a difference to how much fun you get out of your camera. Why not try them out?



Now you have your very own customized camera!

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Saving camera settings (ALL RESET)

This function lets you choose whether or not to save the current camera settings after the power is turned off. The settings affected by [ALL RESET] are listed below.
The [ALL RESET] setting applies to all the modes. When [ALL RESET] is set to [OFF] in either shooting mode or playback mode, it applies to both modes.

ON All settings are returned to the factory default settings after the power is turned off.
OFF The settings made before the power is turned off are saved. Note that the settings of each scene in **SCENE** mode return to the default value.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [ALL RESET] ▶ [OFF] / [ON]
☞"Using the menus" (P. 16)

Note

- The functions on the mode menu setup tab ([ALL RESET], [], [], etc.) are saved even when [ALL RESET] is set to [ON].

● Functions that return to default settings when [ALL RESET] is set [ON]

Function	Factory default setting	Ref. Page	Function	Factory default setting	Ref. Page
Flash	AUTO	P. 41	DRIVE	▭	P. 52
/	OFF	P. 40	ISO	AUTO	P. 53
/	/ OFF	P. 43, 55	DIGITAL ZOOM	OFF	P. 39
	0.0	P. 49	AF MODE	SPOT	P. 54
WB	AUTO	P. 50		OFF	P. 60
	HQ	P. 25	**DISP** (Shooting mode)	Information on screen	P. 61
ESP/	ESP	P. 51	**DISP** (Playback mode)	Information off screen	P. 12

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Selecting a display language

You can select a language for on-screen display. Available languages vary depending on the area where you purchased this camera.

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [🗣]

☞"Using the menus" (P. 16)

1 **Select a language, and press ⊛.**

? *TIPS*

To increase the number of languages

→You can add other languages to your camera with the provided OLYMPUS Master software. For details, refer to the help in the OLYMPUS Master software.

Changing the startup screen and volume (PW ON SETUP)

You can select the volume level and the picture displayed when the camera is turned on. You can also register your favorite picture and display it on the screen. ☞"Registering the startup screen (SCREEN SETUP)" (P. 87)

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [PW ON SETUP]

☞"Using the menus" (P. 16)

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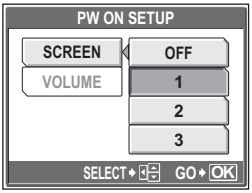
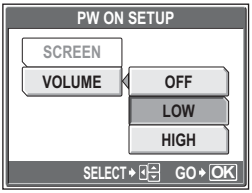
1 **For [SCREEN], select [OFF], [1], [2], or [3], and press ⊛.**

OFF	No picture is displayed.
1 / 2	A picture is displayed.
3	The picture registered with [SCREEN SETUP] is displayed. If there is no registered picture, nothing is displayed.



2 **For [VOLUME], select [OFF], [LOW], or [HIGH], and press ⊛.**

OFF	No sound.
LOW / HIGH	Sound is output.



3 **Press ⊛.**

Note

- If [SCREEN] is set to [OFF], [VOLUME] cannot be set.

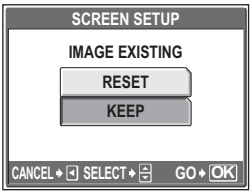
Registering the startup screen (SCREEN SETUP)

You can select the picture that is displayed when the power is turned on. Still pictures in the internal memory or the card can be registered. Use [PW ON SETUP] to display the screen you registered. ☞"Changing the startup screen and volume (PW ON SETUP)" (P. 86)

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [SCREEN SETUP]

☞"Using the menus" (P. 16)

- If a picture is already registered, the [IMAGE EXISTING] screen is displayed asking if you want to cancel the currently registered picture and register a new one. To register a new picture, select [RESET], and press ⊛. If you select [KEEP], the screen returns to the menu.



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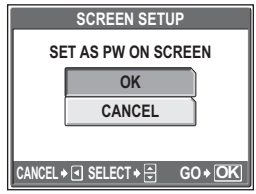
1 Select the picture you want to register, and press ⊛.

2 Select [OK], and press ⊛.

- The picture is registered and the screen returns to the menu.



Setting screen colors (COLOR)

You can select the screen color (for menus, etc.) from 4 colors.

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [COLOR] ▸ [NORMAL] / [BLUE] / [GREEN] / [PINK] ☞"Using the menus" (P. 16)

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Setting camera sounds (🔊/SHUTTER SOUND/VOLUME)

🔊	Select [OFF], [LOW] or [HIGH] for the camera warning sound.
SHUTTER SOUND	Select [OFF], [1], [2], or [3] for the sound of the shutter button. You can also set the volume of the sound to [LOW] or [HIGH].
VOLUME	Select [OFF], [LOW], or [HIGH] to set the volume for playback of still pictures and movies.

● When [🔊] is selected

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [🔊] ▶ [OFF] / [LOW] / [HIGH]

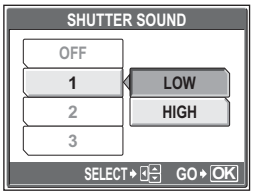
☞ "Using the menus" (P. 16)

● When [SHUTTER SOUND] is selected

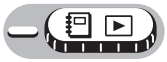
Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [SHUTTER SOUND]

☞ "Using the menus" (P. 16)

1 **Select [OFF], [1], [2] or [3]. If you selected [1], [2], or [3], select [LOW] or [HIGH], and press ⊛.**



● When [VOLUME] is selected



Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [VOLUME] ▶ [OFF] / [LOW] / [HIGH]

☞ "Using the menus" (P. 16)

- For 🖼: Top menu ▶ [ALBUM MENU] ▶ [VOLUME] ▶ [OFF] / [LOW] / [HIGH]

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Viewing pictures immediately (REC VIEW)

You can choose whether or not to display the picture you have just taken on the monitor.

ON The picture being recorded is displayed. This is useful for making a brief check of the picture you have just taken. Pressing the shutter button halfway during Rec View lets you resume shooting immediately.

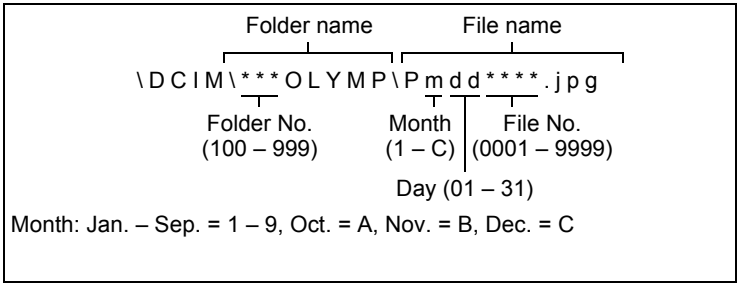
OFF The picture being recorded is not displayed. This is useful when you want to prepare for your next shot while the previous picture is being recorded.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [REC VIEW] ▶ [OFF] / [ON]

☞ "Using the menus" (P. 16)

Resetting file names (FILE NAME)

File names and their folder names for recorded pictures are automatically generated by the camera. File names and folder names respectively include file numbers (0001 to 9999) and folder names (100 to 999), and are named as follows.



There are two settings from which you can choose: [RESET] or [AUTO]. Choose the one that is best for you when transferring images to a computer.

RESET The file number and folder number are reset every time a new card is inserted in the camera. The folder number returns to No. 100 and the file number returns to No. 0001. This method is useful when grouping files on separate cards.

AUTO Even if a new card is inserted, the folder number and file number are retained from the previous card. This helps you to manage multiple cards. This method is useful when you want to manage all your files with sequential numbers.

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SCENE S A

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [FILE NAME] ▶ [RESET] / [AUTO]

☞"Using the menus" (P. 16)

Note

- When the File No. reaches 9999, the file number returns to 0001 and the folder number changes.
- When both the folder number and file number reach their respective maximum number (999/9999), the number of storable pictures becomes 0 even if the card is not full. Replace the card with a new one.

Adjusting the monitor brightness

This function lets you adjust the brightness of the monitor to make it easier to see the image.

SCENE S A

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [!]

☞"Using the menus" (P. 16)

- For : Top menu ▶ [ALBUM MENU] ▶ [!]

1 Adjust the brightness while looking in the monitor, and when you have set the desired level, press OK.

- Pressing △ brightens the monitor, and pressing ▽ darkens it.

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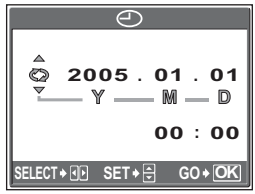
Setting the date and time

This function lets you set the date and time. The date and time is saved with each image, and is used in the file name.

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [⏲]

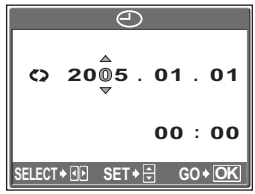
☞"Using the menus" (P. 16)

1 **Select one of the following date formats: [Y-M-D] (Year/Month/Day), [M-D-Y] (Month/Day/Year), [D-M-Y] (Day/Month/Year), and press ▷.**



- The camera proceeds to the year setting.
- The following steps show the procedure used when the date and time settings are set to [Y-M-D].

2 **Press △▽ to set the year, and press ▷ to move to the month setting.**



- To move back to the previous setting, press ◁.
- The first two digits of the year are fixed.

3 **Repeat this procedure until the date and time are completely set.**

- The time is displayed in the 24-hour format. Consequently, 2 p.m. is displayed as 14:00.

4 **Press OK.**

- For a more accurate setting, press OK when the time signal hits 00 seconds.

Note

- The date and time settings will be returned to the factory default settings if the camera is left without the battery for approximately 1 day. The settings will be canceled more quickly if the battery was only loaded in the camera for a short time before being removed. Before taking important pictures, check that the date and time settings are correct.

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Setting the date and time in another time zone (DUALTIME SETUP)

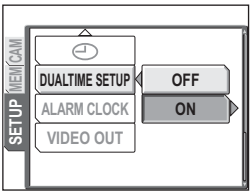
This function allows you to set a date and time in another time zone (dual time), separate from the settings in [⏲]. After setting, you can switch between the new setting and the time set in [⏲].

Top menu ▶ [MODE MENU] ▶ [SETUP] ▶ [DUALTIME SETUP]

☞"Using the menus" (P. 16)

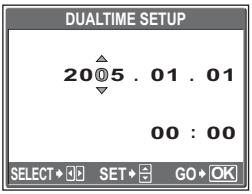
● Setting dual time

1 **Select [ON], and press ▷.**



2 **Press △▽ to set the year, and press ▷ to move to the month setting.**

- To move back to the previous setting, press ◁.
- The first two digits of the year are fixed.
- The date format is the same as that set in Step 1 of [⏲].



3 **Repeat this procedure until the date and time are completely set.**

- The time is displayed in the 24-hour format. Consequently, 2 p.m. is displayed as 14:00.

4 **Press ⊛.**

- For a more accurate setting, press ⊛ when the time signal hits 00 seconds.
- The date and time switches to dual time.

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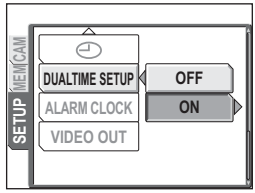
● Switching the date and time

1 **Select [ON] or [OFF], and press ⊛.**

OFF Switches to the date and time set in [⏲].
ON Switches to the date and time set in [DUALTIME SETUP].



? *TIPS*

- Changes made to [⏲] do not affect the date and time set in [DUALTIME SETUP].
- After setting the date and time with [DUALTIME SETUP], it is retained even after [DUALTIME SETUP] is set to [OFF].

Setting alarms (ALARM CLOCK)

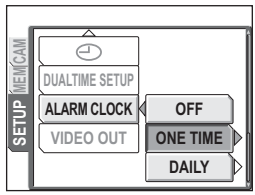
This camera features an alarm that can be set as needed. You can set snooze (alarm intervals) or alarm sounds and volume.

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [ALARM CLOCK]

☞"Using the menus" (P. 16)

1 **Select [ONE TIME] or [DAILY], and press ▷.**

OFF No alarm is set.
ONE TIME Alarm is activated once.
DAILY Alarm is activated daily at the set time.



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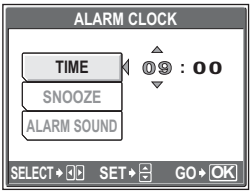
2 **Select [TIME], and press ▷.**

3 **Press △▽ to set the hours, and press ▷ to move to the minutes setting. Press △▽ to set the minutes.**

- The time is displayed in the 24-hour format. Consequently, 2 p.m. is displayed as 14:00.

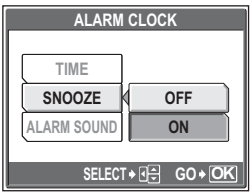


4 **Press ◁.**

5 **Set [SNOOZE] and [ALARM SOUND].**

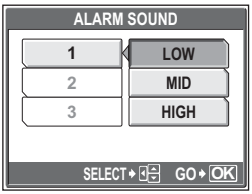
●To set [SNOOZE]

① Select [SNOOZE], and press ▷.
② Select [ON] or [OFF], and press ◁.
OFF No snooze is set.
ON Alarm is activated every 5 minutes, up to 7 times.



●To set [ALARM SOUND] and volume

① Select [ALARM SOUND], and press ▷.
② On the [ALARM SOUND] screen, if you selected alarm sound [1], [2], or [3], select [LOW], [MID], or [HIGH], and press ⊛.
③ Press ⊛ to return to the [ALARM CLOCK] screen.



6 **Press ⊛.**

- The alarm is set.
- To enable the alarm, turn the camera off.

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TIPS

How to shut off the alarm

→While the alarm is sounding, press any button to shut off the alarm and turn off the camera. Note that pressing the **POWER** button will turn the camera on.

→When [SNOOZE] is [OFF], the alarm stops automatically and the camera turns off after 1 minute of no operation.

How to check alarm settings

→While the camera is off, press the **QUICK VIEW** button to display the set alarm time and the current time for 3 seconds.

How to cancel alarm settings

→Select [OFF] for [ALARM CLOCK] in Step 1.

- While the alarm is sounding, the picture registered with [PW ON SETUP] for [SCREEN 3] is displayed.

Note

- When [⏲] has not been set, [ALARM CLOCK] is not available. ☞"Setting the date and time" (P. 92)
- The alarm only operates when the camera is off. When the camera is on, or during sleep mode, the alarm will not operate.
- When [DUALTIME SETUP] is set to [ON], the alarm sounds according to the dual time date and time setting.

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Adjusting the image processing function (PIXEL MAPPING)

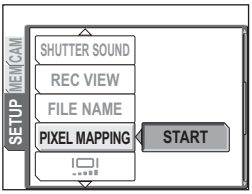
The pixel mapping feature allows the camera to check and adjust the CCD and image processing functions. It is not necessary to operate this function frequently. Approximately once a year is recommended. Wait at least one minute after taking or viewing pictures to allow the pixel mapping function to perform properly.

Top menu ▸ [MODE MENU] ▸ [SETUP] ▸ [PIXEL MAPPING]

☞"Using the menus" (P. 16)

1 Press ▷. When [START] is displayed, press ⊛.

- The [BUSY] bar is displayed during pixel mapping. When pixel mapping is finished, the screen returns to the mode menu.



Note

- If you turn the camera off during pixel mapping, start again from Step 1.

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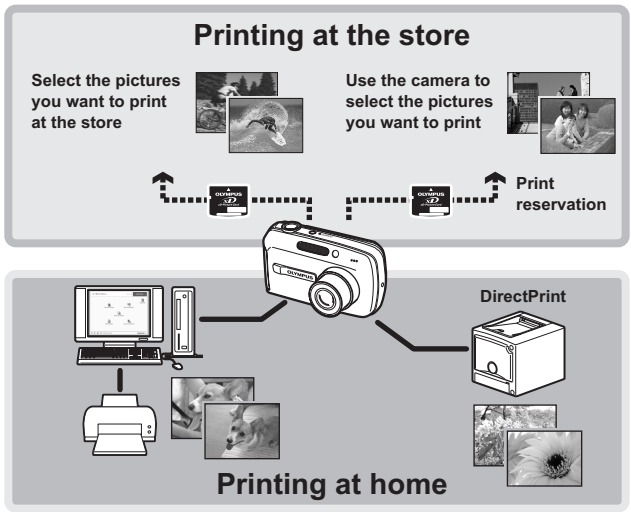
7 Printing pictures

You can print out the pictures you have taken either at a photo store or at home on your own printer.
If you go to a photo store, it is a good idea to store the print reservation data on the card first. This lets you select the pictures you want to print and decide how many prints you want.
If you print the pictures at home, you can either connect the camera directly to the printer or you can connect the camera to a computer and download the pictures to the computer first.


Printing at the store
Select the pictures you want to print at the store
Use the camera to select the pictures you want to print
Print reservation
DirectPrint
Printing at home

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Direct printing (PictBridge)

Using the direct printing function

By connecting the camera to a PictBridge-compatible printer with the USB cable, you can print out pictures directly. With the camera connected to the printer, select the pictures you want to print and the number of prints on the camera's monitor. It is also possible to print out pictures using the print reservation data. ☞"Print settings (DPOF)" (P. 106)
To find out if your printer is compatible with PictBridge, refer to the printer's instruction manual.

What is PictBridge?… It is the standard for connecting digital cameras and printers of different manufacturers and printing out pictures directly.

STANDARD… All printers that support PictBridge have standard print settings. If [STANDARD] is selected on the settings screens (P. 101 to 104), pictures are printed according to these settings. Refer to the printer's instruction manual for its standard settings or contact the printer manufacturer.

TIPS

- For details of printing paper types, ink cassettes, etc., refer to the printer's instruction manual.

Note

- You are recommended to use the optional AC adapter when printing pictures. If you use the battery, make sure that it is sufficiently charged. If the camera stops operating while communicating with the printer, the printer may malfunction or image data may be lost.
- Movies cannot be printed.
- The camera will not enter sleep mode when connected to a printer with the USB cable.

Print modes and settings

Available printing modes, paper sizes etc., vary depending on the printer you use. Refer to the instruction manual for your printer.

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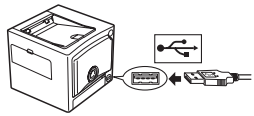
Printing pictures

Use the provided USB cable to connect the camera to a PictBridge-compatible printer.
Try printing one picture with the most basic printing method. The selected picture is printed using the standard settings of your printer. The date and file name are not printed.

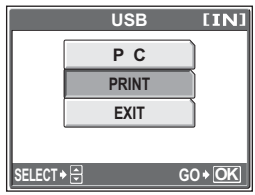


1 Turn the printer on and plug the printer end of the USB cable into the printer's USB port.

- For details of how to turn the printer on and the position of the USB port, refer to the printer's instruction manual.

2 Plug the other end of the USB cable into the multi-connector of the camera.

- The camera automatically turns on.
- The monitor turns on and the selection screen for the USB connection is displayed.

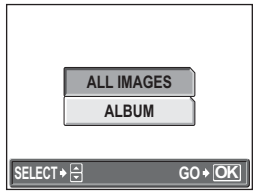


3 Select [PRINT] and press OK.

- [ONE MOMENT] is displayed and the camera and printer are connected. The [PRINT MODE SELECT] screen is displayed on the monitor. Select the print settings on the camera's monitor.

● To select the pictures to print

When there is a card in the camera, a screen is displayed for selecting the pictures you want to print. Select [ALL IMAGES] or [ALBUM], and press OK.
To select an album, select [ALBUM], and press OK.



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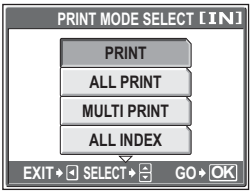
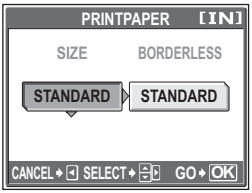
4 **Select [PRINT], and press ⊛.**

- The [PRINTPAPER] screen is displayed.



5 **Press ⊛ without changing the [SIZE] or [BORDERLESS] settings.**

- When the [PRINTPAPER] screen is not displayed, go to Step 8.

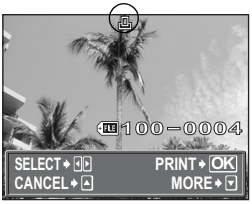


6 **Press ◁▷ to select a picture, and press △.**

- [SINGLE PRINT] is set.

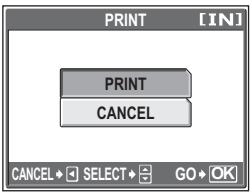
7 **Press ⊛.**

- The [PRINT] screen is displayed.



8 **Select [PRINT], and press ⊛.**

- Printing starts.
- When printing is finished, the [PRINT MODE SELECT] screen is displayed.



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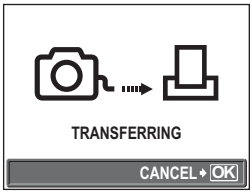
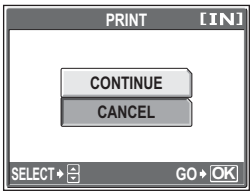
● To cancel printing

Pressing ⊛ during print data transfer displays the screen for selecting whether to continue or cancel printing. To cancel printing, select [CANCEL] and press ⊛.

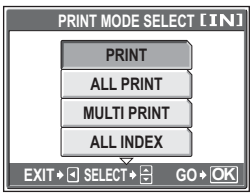


Screen during data transfer



9 **In the [PRINT MODE SELECT] screen, press ◁.**

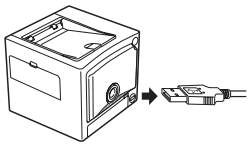
- A message is displayed.



10 **Remove the USB cable from the camera.**

- The camera turns off.

11 **Remove the USB cable from the printer.**



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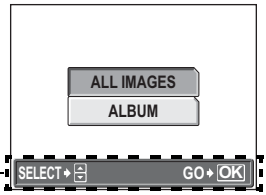
Other print modes and print settings

In addition to the basic printing method, there are also several other printing modes. The paper size and borderless settings can be set in the same print mode.
If the following screen is displayed, perform the operations according to the operation guide.

Selecting the picture to print (available only when a card is inserted)

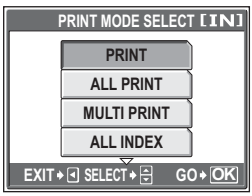
ALL IMAGES Allows you to select from all pictures in the internal memory or the card to print.
ALBUM Select an album and the pictures in the album to print.



Operation guide

Selecting a print mode

PRINT Prints the selected picture.
ALL PRINT Prints all the pictures stored in the internal memory or the card.
MULTI PRINT Prints one picture in multiple layout format.
ALL INDEX Prints an index of all the pictures stored in the internal memory or the card.
PRINT ORDER Prints the pictures according to the print reservation data on the card. If no print reservations have been made, this option is not available. ☞"Print settings (DPOF)" (P. 106)



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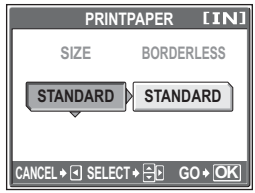
Setting the print paper

Select the paper size and border on the [PRINTPAPER] screen.



SIZE Choose from the available paper sizes on your printer.

BORDERLESS Select framed or unframed. In [MULTI PRINT] mode, you cannot select the frame.

- **OFF ( )** The picture is printed inside a blank frame.
- **ON ( )** The picture is printed filling the entire page.

PICS/SHEET Available in [MULTI PRINT] mode only. The number of prints that can be printed vary depending on the printer.

Note

- If the [PRINTPAPER] screen is not displayed, [SIZE], [BORDERLESS] and [PICS/SHEET] are set to [STANDARD].

Selecting the picture to print

Press ◁▷ to select the picture you want to print. You can also use the zoom button and select a picture from the index display.

PRINT Prints one copy of the selected picture.

SINGLE PRINT Makes a print reservation for the displayed picture.

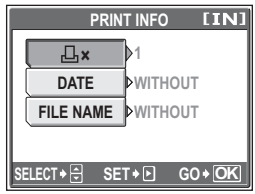
MORE Sets the number of prints and data to be printed for the displayed picture.

Setting the number of prints and data to be printed

× Sets the number of prints. You can select up to 10 prints.

DATE ( ) If you select [WITH], pictures are printed with the date.

FILE NAME ( ) If you select [WITH], pictures are printed with the file name.



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If an error message is displayed

If an error message is displayed on the camera's monitor during direct print setting or printing, see the following table.
For more details, refer to the printer's instruction manual.

Monitor indication	Possible cause	Corrective action
NO CONNECTION	The camera is not connected to the printer correctly.	Disconnect the camera and connect it again correctly.
NO PAPER	There is no paper in the printer.	Load some paper in the printer.
NO INK	The printer has run out of ink.	Replace the ink cartridge in the printer.
JAMMED	The paper is jammed.	Remove the jammed paper.
SETTINGS CHANGED	The printer's paper tray has been removed or the printer has been operated while changing settings on the camera.	Do not operate the printer while changing settings on the camera.
PRINT ERROR	There is a problem with the printer and/or camera.	Turn off the camera and printer. Check the printer and remedy any problems before turning the power on again.
CANNOT PRINT	Pictures recorded on other cameras may not be printed on this camera.	Use a computer to print.

TIPS

- If an error message other than those shown above is displayed, see "Error messages" (P. 128).

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Print settings (DPOF)

How to make print reservations

Print reservation allows you to save printing data (the number of prints and the date and time information) with the pictures stored on the card.

> Only the images stored on the card can be reserved to print. Insert a card with recorded pictures into the camera before making print reservations.

With print reservation, you can print out pictures easily either at home using a personal DPOF-compatible printer or at a photo store that supports DPOF. DPOF is a standard format used to record automatic print information from digital cameras. It allows you to store data such as which pictures you want to print and the number of prints so that you can print pictures automatically at home or at a photo store.

Pictures with print reservations can be printed using the following procedures.

Printing using a DPOF-compatible photo store.

You can print the pictures using the print reservation data.

Printing using a DPOF-compatible printer.

Printing is possible directly from a card containing print reservation data, without using a computer. For more details, refer to the printer's instruction manual. A PC card adapter may also be necessary.

To use print services without using DPOF

Pictures stored in the internal memory cannot be printed at a photo store. The pictures need to be copied to a card before taking them.

☞"Copying pictures in the internal memory to the card (BACKUP)" (P. 80)

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TIPS

Relation between printing and record mode when shooting

The resolution of a computer/printer is generally based on the number of dots (pixels) per inch (dpi). The higher the dpi value, the better the printed results. Keep in mind, however, that the dpi of the picture does not change. This means that when you print an image with a higher resolution, the size of the printed picture will be smaller. Although you can print magnified images, picture quality will decrease.

If you want to print large, high-quality pictures, set the record mode as high as possible when taking the pictures. ☞"Record mode" (P. 25)

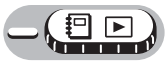
Note

- DPOF reservations set by another device cannot be changed by this camera. Make changes using the original device.
- If a card contains DPOF reservations set by another device, entering reservations using this camera may overwrite the previous reservations.
- If there is not enough space in the card memory, you may not be able to enter the reservation data. [CARD FULL] will be displayed.
- You can make DPOF print reservations for up to 999 images per card.
- Even if an image is displayed with the message [PICTURE ERROR], it may be possible to make print reservations. In this case, the print reservation icon (🖨) is not displayed when the image is displayed for full view. 🖨 is displayed when there are multiple images (index display), allowing you to confirm the print reservation.
- Not all functions may be available on all printers, or at all photo stores.
- Print reservation may take a little time when saving printing data to the card.

Single-frame reservation

How to make a single-frame reservation for a selected picture is shown below. Follow the operation guide to make settings.

For 🖨, select the album that you want to make the print reservations for, and display the top menu.



Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [🖨] ☞"Using the menus" (P. 16)

- For 🖨: Top menu ▶ [ALBUM MENU] ▶ [🖨]

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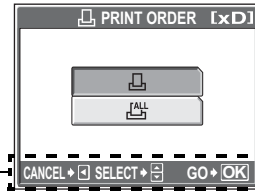
1 **Select [🖨], and press OK.**



Operation guide

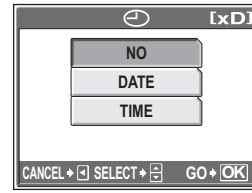
2 **Follow the operation guide and press ◁▷ to select the frames for print reservations, and then press △▽ to set the number of prints.**

- You cannot make print reservations for pictures with 🎀.
- Repeat Step 2 to make print reservations for other pictures.

3 **When you finish making print reservations, press OK.**

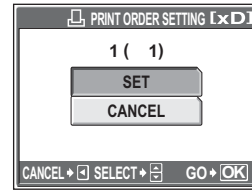
4 **Select [NO], [DATE] or [TIME], and press OK.**

NO The pictures are printed without the date and time.
DATE The selected pictures are printed with the shooting date.
TIME The selected pictures are printed with the shooting time.



Single-frame reservation screen

5 **Select [SET], and press OK.**



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All-frame reservation

Reserves all the pictures stored on the card. The number of prints is set at one print per picture. You can set to print the shooting date and time.

For , print reservations are made for all pictures in the album. Select the album that you want to make the print reservations for, and display the top menu.

Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [ ] ☞"Using the menus" (P. 16)

- For : Top menu ▶ [ALBUM MENU] ▶ [ ]

1 **Select [ ], and press OK.**

2 **Select [NO], [DATE] or [TIME], and press OK.**

NO	The pictures are printed without the date and time.
DATE	All pictures are printed with the shooting date.
TIME	All pictures are printed with the shooting time.

3 **Select [SET], and press OK.**

Resetting print reservation data

This function allows you to reset the print reservation data for pictures.
You can reset all the print reservation data or just for selected pictures.

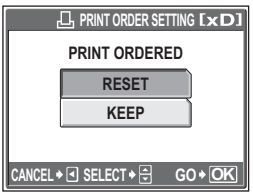
Top menu ▶ [MODE MENU] ▶ [PLAY] ▶ [ ] ☞"Using the menus" (P. 16)

- For : Top menu ▶ [ALBUM MENU] ▶ [ ]

● To reset the print reservation data for all the pictures

1 **Select [RESET], and press OK.**

- If there is no print reservation data, this screen is not displayed.



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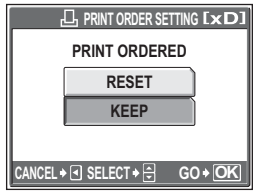
● To reset the print reservation data for a selected picture

1 **Select [KEEP], and press ⊛.**

- If there is no print reservation data, this screen is not displayed.



2 **Select [🖨], and press ⊛.**

3 **Press ◁▷ to select the picture with the print reservations you want to cancel, and press ▽ to decrease the number of prints to 0.**

- Repeat Step 3 to cancel print reservations for other pictures.

4 **When you are finished canceling print reservations, press ⊛.**

5 **Select [NO], [DATE] or [TIME], and press ⊛.**

- The setting is applied to the remaining pictures with print reservations.

6 **Select [SET], and press ⊛.**

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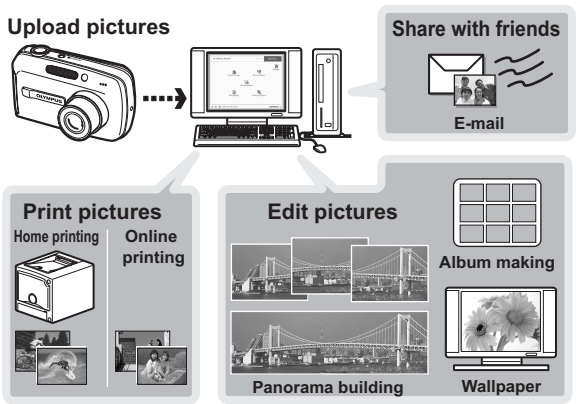
Connecting the camera to a computer

8

Viewing the pictures you have taken on your computer is just one of the many ways you can enjoy your pictures.
You can print out your favorite pictures, use the application software to download your pictures from your camera and edit them or organize them by date or category, or attach them to e-mail and send them over the Internet.
There are all kinds of ways you can use your pictures with a computer. You can run a slideshow, post your pictures on your home page, create an album, or set your favorite picture as your desktop wallpaper.



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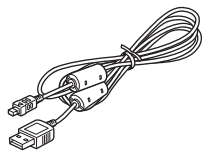
Flow

Using the USB cable provided with your camera, you can connect the camera and computer and download (transfer) the images to your computer using the OLYMPUS Master software, also provided with the camera.

Prepare the following items before starting.

OLYMPUS Master CD-ROM


USB Cable

Computer equipped with a USB port

Install the OLYMPUS Master software ☞P. 114

↓

Connect the camera to the computer using the USB cable ☞P. 118

↓

Start up the OLYMPUS Master software ☞P. 119

↓

Download image files to the computer ☞P. 121

↓

Disconnect the camera from the computer ☞P. 122

TIPS

Viewing and editing downloaded images

→If you want to process images using graphics applications, make sure you download the images to your computer first. Depending on the software, the image files may be damaged if the images are processed (rotated, etc.) while they are still in the internal memory or on the card.

If the data cannot be downloaded from the camera using the USB cable

→Image files on xD-Picture Card may be downloaded using the optional PC card adapter. For details, visit the Olympus web site at the address shown on the back cover of this manual.

Note

- It is recommended that you use the optional AC adapter when connecting the camera to a computer. If you use a battery, make sure it has enough power. The camera does not turn off automatically while it is connected to (communicating with) a computer. If the battery power runs out, the camera will stop whatever operation it is performing. This may result in a computer malfunction, or loss of image data (file) being transmitted.
- Do not turn the camera off while it is connected to the computer. Doing so could cause the computer to malfunction.
- Connecting the camera to a computer via a USB hub may cause unstable operation if there is any problem with compatibility between the computer and the hub. In this case, do not use a hub, but connect the camera directly to the computer.

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Using OLYMPUS Master

For editing and managing image files, install the OLYMPUS Master software from the provided CD-ROM.

What is OLYMPUS Master?

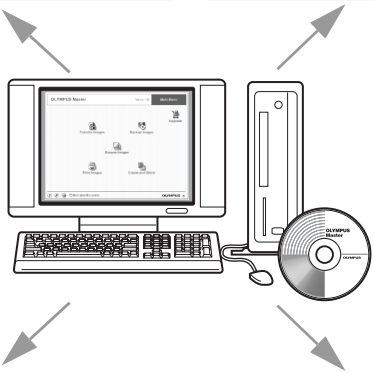
OLYMPUS Master is application software for editing images taken with a digital camera on a computer. Installing it on your computer lets you do the following:

Download images from the camera or other media

Manage images
You can organize your images using the calendar display. Search the image you want by date or keyword.

View images and movies
You can run a slideshow and play back sound.

Edit images
You can rotate images, trim them and change the size.



Edit images with the filter and correction functions

Make panoramic images
You can make panoramic images using pictures taken in panorama mode.

Print images
You can print images and make indexes, calendars and postcards.

For details of functions and operations other than the above, refer to the “Help” guide and OLYMPUS Master reference manual.

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Installing OLYMPUS Master

Before installing the OLYMPUS Master software, please confirm that your computer is compatible with the following system requirements. For newer operating systems, please refer to the Olympus web site as shown on the back cover of this manual.

● Operating environment

Windows

OS	Windows 98SE/Me/2000 Professional/XP
CPU	Pentium III 500MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 65,536 colors or more

Note

- Data transfer is only guaranteed on computers with a factory installed OS.
- To install the software in Windows 2000 Professional/XP, you must log on as a user with administrators' privileges.
- Internet Explorer and QuickTime 6 or later should be installed on your computer.
- Windows XP corresponds to Windows XP Professional/Home Edition.
- Windows 2000 corresponds to Windows 2000 Professional.
- If you are using Windows 98SE, the USB driver is installed automatically.

Macintosh

OS	Mac OS X 10.2 or later
CPU	Power PC G3 500 MHz or later
RAM	128 MB or more (at least 256 MB is recommended)
Hard disk capacity	300 MB or more
Connector	USB port
Monitor	1,024 × 768 pixels, 32,000 colors or more

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Note

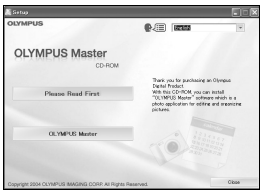
- Operation is only guaranteed on a Macintosh equipped with a built-in USB port.
- QuickTime 6 or later and Safari 1.0 or later must be installed.
- Be sure to remove the media (drag & drop onto the trash icon) before performing the following operations. Failure to do so could result in unstable computer operation and the need to reboot.
  - Disconnect the cable connecting the camera to the computer
  - Turn off the camera
  - Open the camera's card cover

Windows

1 **Insert the CD-ROM into the CD-ROM drive.**

- The OLYMPUS Master setup screen is displayed.
- If the screen is not displayed, double-click the "My Computer" icon and click the CD-ROM icon.

2 **Click the "OLYMPUS Master".**



- The QuickTime installation screen is displayed.
- QuickTime is required to use OLYMPUS Master. If the QuickTime screen is not displayed, QuickTime 6 or later is already installed on the computer. In this case, go to step 4.

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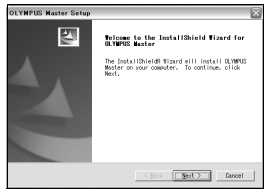
3 Click “Next” and follow the on-screen instructions.

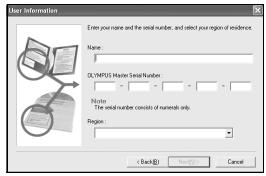
QuickTime Installation reminder
In order to use the OLYMPUS Master software, you must install QuickTime 6 or later.
QuickTime 6.4 will be installed on your computer when you click "Next".
Next(N) >
Cancel

- When the QuickTime licensing agreement is displayed, read the agreement and click “Agree” to proceed with the installation.
- The OLYMPUS Master installation screen is displayed.

4 Follow the on-screen instructions.

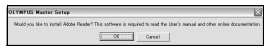

OLYMPUS Master Setup
Welcome to the InstallShield Wizard for OLYMPUS Master
The InstallShield® Wizard will install OLYMPUS Master on your computer. To continue, click Next.
< Back
Next >
Cancel

- When the OLYMPUS Master licensing agreement is displayed, read the agreement and click “Yes” to proceed with the installation.


User Information
Enter your name and the serial number, and select your region of residence.
Name :
OLYMPUS Master Serial Number :
Note:
The serial number consists of numerals only.
Region :
< Back(B)
Next(N) >
Cancel

- When the “User Information” dialog box is displayed, enter your “Name” and “OLYMPUS Master Serial Number”; select your region and click “Next”. Refer to the sticker on the CD-ROM package for the serial number.
- When the DirectX licensing agreement is displayed, read the agreement and click “Yes”.
- A screen asking whether or not you want to install Adobe Reader is displayed. Adobe Reader is required to read the OLYMPUS Master instruction manual. If this screen is not displayed, Adobe Reader is already installed on your computer.

5 To install Adobe Reader, click “OK”.


OLYMPUS Master Setup
Would you like to install Adobe Reader? This software is required to read the User's manual and other online documentation.
OK
Cancel

- To cancel installation, click “Cancel”. Go to Step 7.
- The Adobe Reader installation screen is displayed. Follow the on-screen instructions.

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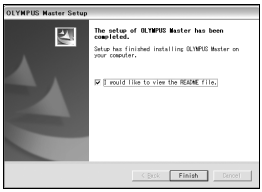
6 **Follow the on-screen instructions.**

- The screen confirming that installation is completed is displayed. Click “Finish”.


OLYMPUS Master Setup
The setup of OLYMPUS Master has been completed.
Setup has finished installing OLYMPUS Master on your computer.
I would like to view the README file.
< Back
Finish
Cancel

7 **Select the option to restart immediately when the screen asking you if you wish to restart the computer is displayed and click “OK”.**

- The computer restarts.
- Remove the CD-ROM from the CD-ROM drive and store it.

Macintosh

1 **Insert the CD-ROM into the CD-ROM drive.**

- The CD-ROM window is displayed.
- If the CD-ROM window is not displayed, double-click the CD-ROM icon on the desktop.

2 **Double-click on the desired language folder.**

3 **Double-click the “Installer” icon.**

- The OLYMPUS Master installer starts up.
- Follow the on-screen instructions.
- When the OLYMPUS Master licensing agreement is displayed, read the agreement and click “Continue” and then “Agree” to proceed with the installation.
- The screen confirming that installation is completed is displayed.

4 **Click “Finish”.**

- The first screen is displayed.

5 **Click “Restart”.**

- The computer restarts.
- Remove the CD-ROM from the CD-ROM drive and store it.

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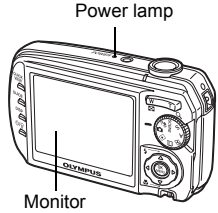
Connecting the camera to a computer

Connect the camera to the computer using the USB cable provided with the camera.

1 **Make sure the camera is turned off.**

- The power lamp is off.
- The monitor is off.
- The lens is retracted.

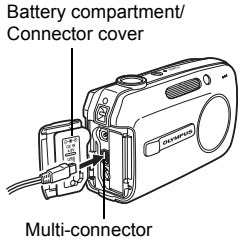


2 **Plug the USB cable into the USB port on the computer.**

- Refer to your computer's instruction manual to locate the position of the USB port.

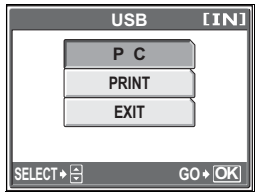
3 **Plug the USB cable into the multi-connector of the camera.**

- The camera turns on automatically.
- The monitor turns on and the selection screen for the USB connection is displayed.



4 **Select [PC], and press OK.**

5 **The camera is recognized by the computer.**



- Windows 98SE/Me/2000
  When you connect the camera to your computer for the first time, the computer attempts to recognize the camera. Click "OK" to exit the message that is displayed. The camera is recognized as a "Removable Disk".
- Windows XP
  When the camera is connected to the computer, the screen for selecting an image file operation is displayed. As OLYMPUS Master will be used to download images, click "Cancel".
- Mac OS X
  The iPhoto program is the default application for managing digital images. When you connect your digital camera for the first time, the iPhoto application starts automatically, so close this application and start OLYMPUS Master.

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Note

- The camera functions are disabled while the camera is connected to a computer.

Starting up OLYMPUS Master

Windows

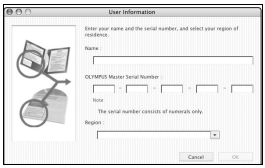
1 **Double-click the “OLYMPUS Master” icon on the desktop.**

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time after installation, the “Registration” dialog box is displayed before the main menu. Follow the prompts and fill in the registration form.

Macintosh

1 **Double-click the “OLYMPUS Master” icon in the “OLYMPUS Master” folder.**

- The main menu is displayed.
- When OLYMPUS Master is started up for the first time, the “User Information” dialog box is displayed before the main menu. Enter your “Name” and “OLYMPUS Master Serial Number”, and select your region.
- After the “User Information” dialog box, the “Registration” dialog box is displayed. Follow the prompts and fill in the registration form.



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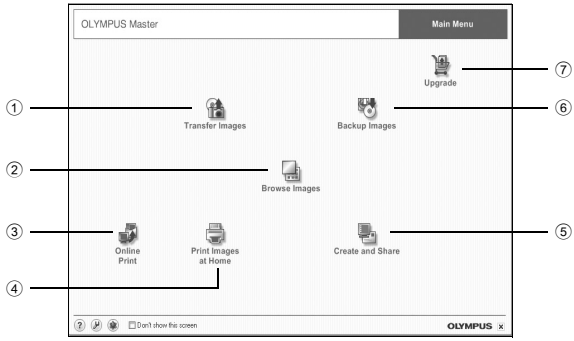
●OLYMPUS Master main menu



① **"Transfer Images" button**
Downloads images from the camera or other media.

② **"Browse Images" button**
Displays the browse window.

③ **"Online Print" button**
The online print window is displayed.

④ **"Print Images at Home" button**
Displays the print menu.

⑤ **"Create and Share" button**
Displays the editing menu.

⑥ **"Backup Images" button**
Creates backup images.

⑦ **"Upgrade" button**
Displays window for optional upgrade to OLYMPUS Master Plus.

●To exit OLYMPUS Master

1 **Click the "Exit" ✕ on the main menu.**

- OLYMPUS Master is exited.

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Displaying camera images on a computer

Downloading and saving images

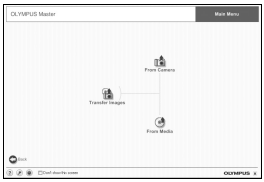
You can save camera images on your computer.

1 **Click “Transfer Images” on the OLYMPUS Master main menu.**

- The menu for selecting the source is displayed.

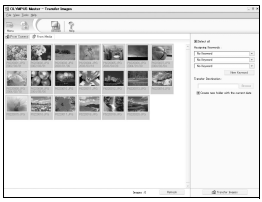
2 **Click “From Camera”.**

- The window for selecting images is displayed. All the images in the camera are displayed.



3 **Select the image files and click “Transfer Images”.**

- A window indicating that the download is complete is displayed.



4 **Click “Browse images now.”.**

- The downloaded images are displayed in the browse window.
- To return to the main menu, click “Menu” in the “Browse” window.

Note

- The card access lamp blinks while downloading images. Do not do any of the following while the lamp is blinking.
  - Open the card cover.
  - Remove the battery.
  - Connect or disconnect the AC adapter.

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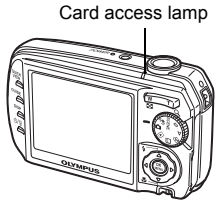
● To disconnect the camera

You can disconnect the camera after downloading the images to your computer.

1 **Make sure that the card access lamp is off.**



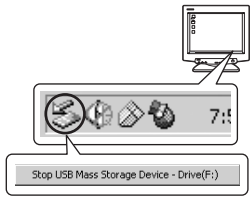
2 **Make the following preparations for disconnecting the USB cable.**

Windows 98SE

1 Double-click the “My Computer” icon and right-click the “Removable Disk” icon to display the menu.
2 Click “Eject” on the menu.

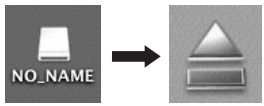
Windows Me/2000/XP

1 Click the “Unplug or Eject Hardware” icon in the system tray.
2 Click the message that is displayed.
3 When a message is displayed saying that the hardware can be ejected safely, click “OK”.



Macintosh

1 The trash icon changes to the eject icon when the “Untitled” or “NO_NAME” icon on the desktop is dragged. Drag and drop it on the eject icon.



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3 **Disconnect the USB cable from the camera.**

Note

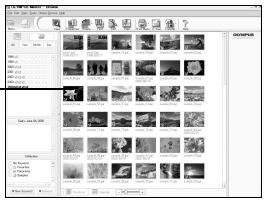
- Windows Me/2000/XP: When you click “Unplug or Eject Hardware”, a warning message may be displayed. Make sure that image data is not being downloaded from the camera and that all applications are closed. Click the “Unplug or Eject Hardware” icon again and disconnect the cable.

Viewing still pictures and movies

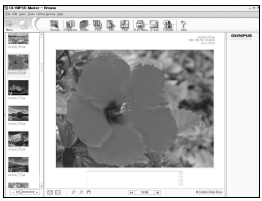
1 **Click “Browse Images” on the OLYMPUS Master main menu.**

- The “Browse” window is displayed.

2 **Double-click the still picture thumbnail that you want to view.**



- The camera switches to view mode and the picture is enlarged.
- To return to the main menu, click “Menu” in the “Browse” window.



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●To view a movie

1 **Double-click the movie thumbnail that you want to see in the "Browse" window.**

- The camera switches to view mode and the first frame of the movie is displayed.

2 **To play back the movie, click playback button ▷ at the bottom of the screen.**

The names and functions of the controller parts are shown below.

	Item	Description
1	Playback slider	Move the slider to select a frame.
2	Time display	Displays the time that has elapsed during playback.
3	Playback (pause) button	Plays the movie. Functions as the pause button during playback.
4	Back button	Displays the previous frame.
5	Forward button	Displays the next frame.
6	Stop button	Stops playback and returns to the first frame.
7	Repeat button	Plays the movie repeatedly.
8	Volume button	Displays the volume adjustment slider.

Printing pictures

Pictures can be printed from the photo, index, postcard and calendar menus. The explanation below uses the photo menu.

1 **Click "Print Images at Home" on the OLYMPUS Master main menu.**

- The print menu is displayed.

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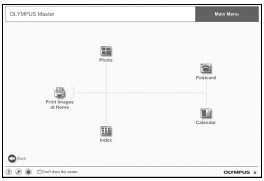
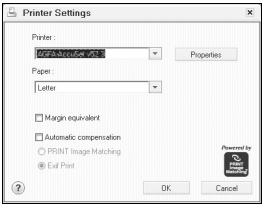
2 **Click “Photo” .**

- The “Photo Print” window is displayed.



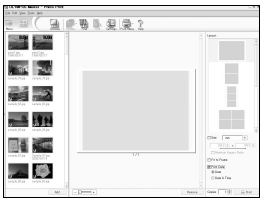
3 **Click “Settings” in the “Photo Print” window.**

- The printer settings screen is displayed. Make the necessary printer settings.



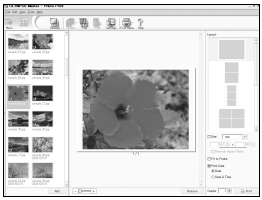
4 **Select a layout and size.**

- To print the date and time with your image, check the box next to “Print Date”, and select between “Date” and “Date & Time”.

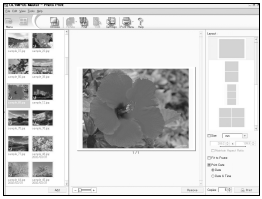


5 **Select the thumbnail image that you want to print and click “Add”.**

- A preview of the selected image is displayed on the layout.



6 **Select the number of copies.**



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7 **Click “Print”.**

- Printing starts.
- To return to the main menu, click “Menu” in the “Photo Print” window.

To download and save images to a computer without using OLYMPUS Master

This camera is compatible with USB mass storage. You can connect the camera to your computer using the USB cable provided with the camera to download and save images without using OLYMPUS Master. The following environment is required to use the USB cable to connect the camera to your computer.

Windows: Windows 98SE/Me/2000 Professional/XP

Macintosh: Mac OS 9.0 to 9.2/X

Note

- If your computer is running Windows 98SE, you will need to install the USB driver. Before connecting the camera to your computer with the USB cable, double-click the files from the following folders on the provided OLYMPUS Master CD-ROM.
  (Drive name):\USB\INSTALL.EXE
- Data transfer is not guaranteed in the following environments, even if your computer is equipped with a USB port.
  - Windows 95/98/NT 4.0
  - Windows 98SE upgrades from Windows 95/98
  - Mac OS 8.6 or earlier (However, data transfer is confirmed on Mac OS 8.6 equipped with a factory-installed USB port and USB MASS Storage Support 1.3.5.)
  - Computers with a USB port added by means of an extension card, etc.
  - Computers without a factory-installed OS and home-built computers.

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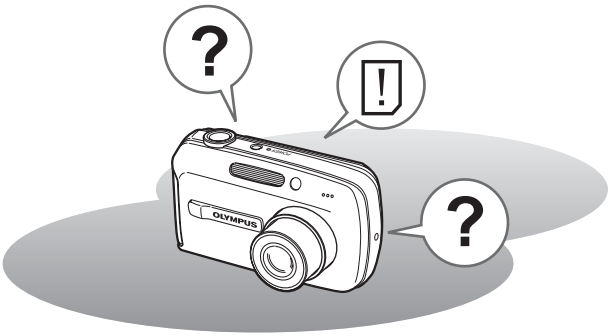
Appendix

9

This chapter contains useful information from OLYMPUS.

- When you get an error message while using the camera...
- When you press the **POWER** button but nothing happens...
- When you want to know how to safely store your special camera...
- When you don't understand a term used in the manual... Here is where you'll find the answer.



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Troubleshooting

Error messages

Monitor indication	Possible cause	Corrective action
CARD ERROR	There is a problem with the card.	This card cannot be used. Insert a new card.
WRITE-PROTECT	Writing to the card is prohibited.	The recorded image has been protected (read-only) on a computer. Download the image to a computer and cancel the read-only setting.
MEMORY FULL	The internal memory has no available memory and cannot store any new data.	Insert a card to back up all data or erase unwanted data. Before erasing, download important data to a computer.
CARD FULL	The card has no available memory and cannot store any new data.	Replace the card or erase unwanted data. Before erasing, download important data to a computer.
NO PICTURE	There are no pictures in the internal memory or on the card.	The internal memory or the card contains no pictures. Record pictures.
PICTURE ERROR	There is a problem with the selected picture and it cannot be played back on this camera.	Use image processing software to view the picture on a computer. If that cannot be done, the image file is damaged.
CARD-COVER OPEN	The card cover is open.	Close the card cover.
BATTERY EMPTY	The battery is empty.	Charge the battery.
Y/M/D	When the camera is used for the first time or the battery has been removed for a long time, the date and time are on the factory default setting.	Set the date and time.

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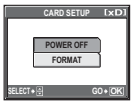
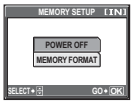
Monitor indication	Possible cause	Corrective action
	This card cannot be used in this camera. Or, the card is not formatted.	Format the card or replace. • Select [POWER OFF] and press OK. Insert a new card. • Select [FORMAT] and press OK. All data on the card is erased.
	There is an error in the internal memory.	Select [MEMORY FORMAT] and press OK. All data in the internal memory is erased.

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Troubleshooting

● Preparatory operations

Possible cause	Corrective action	Ref. page
The camera does not turn on or function buttons do not respond.		
The power is off.	Press the **POWER** button to turn the camera on.	P. 21
The battery power is exhausted.	Charge the battery.	–
The battery is temporarily unable to function because of the cold.	Warm the battery by putting it in your pocket for a while.	–
The camera is in the sleep mode.	Press the shutter button or zoom button.	–
The camera is connected to a computer.	The camera will not operate while it is connected to a computer.	P. 122

● Taking pictures

Possible cause	Corrective action	Ref. page
No picture is taken when the shutter button is pressed.		
The battery power is exhausted.	Charge the battery.	–
The camera is in the playback mode.	Set the mode dial to a mode other than ▶ or 🖼.	P. 9
The flash has not finished charging.	Remove your finger from the shutter button, and wait until the ϟ (flash charge) mark stops blinking before taking the picture.	P. 42
The power is off.	Press the **POWER** button.	P. 21
The internal memory or card is full.	Insert a new card or erase unwanted pictures. Before erasing, download important pictures to a computer.	P. 81, 121
The battery ran out of power during shooting or while the images were being written to the internal memory or the card.	Charge the battery. (Wait until the card access lamp turns off when blinking.)	–
The memory gauge is full.	Wait until there is space in the memory gauge.	–
There is a problem with the card.	See “Error messages”.	P. 128

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Possible cause	Corrective action	Ref. page
The monitor is hard to see.		
There is condensation* inside the camera.	Turn the camera off. Before turning it on again, wait until the camera adjusts to the surrounding temperature and dries out.	–
The brightness of the monitor is not adjusted properly.	Use [] to adjust the brightness.	P. 91
The monitor is exposed to direct sunlight.	Block the sunlight with your hand.	–
Vertical lines appear on the monitor screen during shooting.	Aiming the camera at a bright subject in sunlight may cause vertical lines to appear on the screen. This is not a malfunction.	–
The date recorded with the image data is wrong.		
The date and time is not set.	Set the date and time. The clock is not preset.	P. 92
The camera has been left without the battery.	If the camera is left for 1 day without a battery, the date and time setting is canceled. Set the date and time again.	P. 92
The settings are returned to the factory default settings when the camera is turned off.		
[ALL RESET] is set to [ON].	Set [ALL RESET] to [OFF].	P. 85
The picture is out of focus.		
The subject was too close.	Move further away from the subject. To take pictures at 20 to 50 cm (7.9 in. to 19.7 in.) from your subject, use macro mode. To take pictures closer than 20 cm (7.9 in.), use super macro mode.	P. 40
Auto focus is not possible.	Use the focus lock to focus on the subject.	P. 22
There is condensation* inside the camera.	Turn the camera off. Before turning it on again, wait until the camera adjusts to the surrounding temperature and dries out.	–
The monitor goes off.		
The camera is in the sleep mode.	Press the shutter button or zoom button.	–

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Possible cause	Corrective action	Ref. page
The flash does not fire.		
The flash is set to [⊗].	Select a flash mode other than [⊗].	P. 41
The subject is illuminated.	If you want the flash to fire on a brightly illuminated subject, set the flash to [ϟ].	P. 41
The camera records movies.	The flash does not fire in the movie mode. Select a shooting mode other than 🎥.	P. 44
Super macro mode is set.	The flash does not fire in the super macro mode. Set macro mode to [OFF] or [🌷].	P. 40
Panorama mode is set.	The flash does not fire in the panorama mode. Cancel panorama mode.	P. 57
The battery run time is brief.		
You are using the camera in a cold environment.	Battery performance deteriorates in low temperatures. Keep the camera warm by putting it inside your coat or clothing.	–
The remaining battery power is not indicated correctly.	When battery consumption fluctuates considerably, the camera may turn off without displaying the battery warning indicator. Charge the battery.	–

* Condensation: When it is cold outside, the water vapor in the air is rapidly cooled and turns to droplets of water.
Condensation occurs when the camera is suddenly taken from a cold place into a warm room.

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● Playback of recorded images

Possible cause	Corrective action	Ref. page
The pictures in the internal memory cannot be played back.		
The card is inserted in the camera.	When a card is inserted, only pictures on the card can be played back. Remove the card.	P. 29
The picture is out of focus.		
A subject unsuited to AF was taken.	Use the focus lock to focus on the subject.	P. 22
The camera moved when the shutter button was pressed.	Hold the camera correctly and press the shutter button gently. Use (( )) mode to reduce blur from camera movement. Camera movement occurs easily with slower shutter speeds. When you take a picture with [ ] in a night scene or a dark situation, use a tripod, or hold the camera firmly.	P. 46
The lens was dirty.	Clean the lens. Use a commercially available blower blush and then wipe with a lens cleaner to remove dust. Mold may form on the lens surface if the lens is left dirty.	P. 137
The picture is too bright.		
The flash was set to [ ].	Select a flash mode other than [ ].	P. 41
The center of the subject is too dark.	If the center of the subject is too dark, the surrounding area emerges as too bright. Adjust the exposure compensation toward minus (–).	P. 49
The [ISO] is at a high setting.	Set [ISO] to [AUTO] or a low sensitivity such as [64].	P. 53
The aperture value is small in **A** mode.	Increase the aperture value or set the camera to mode.	P. 48
The shutter speed setting is too slow in **S** mode.	Increase the shutter speed or set the camera to mode.	P. 47
The flash was used in (( )) mode or of **SCENE** mode, or the flash was used with [ISO] set to a high setting.	Set the flash mode to [ ].	P. 41

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Possible cause	Corrective action	Ref. page
The picture is too dark.		
The flash was blocked by your finger.	Hold the camera correctly, keeping your fingers away from the flash.	–
The subject was out of the working range of the flash.	Shoot within the flash working range.	P. 41
The flash was set to [⊘].	Select a flash mode other than [⊘].	P. 41
The subject was too small and was backlit.	Set the flash to [⚡], or set [ESP/•] to [•].	P. 41, 51
The sequential shooting mode was used.	Higher shutter speeds are used during sequential shooting, which may result in pictures that are darker than usual. Set [DRIVE] to [▭].	P. 52
The center of the subject is too bright.	If the center of the subject is too bright, the image as a whole emerges darker. Adjust the exposure compensation toward plus (+).	P. 49
The aperture value is too high in **A** mode.	Decrease the aperture value or set the camera to 📷 mode.	P. 48
The shutter speed setting is too fast in **S** mode.	Reduce the shutter speed or set the camera to 📷 mode.	P. 47
The colors of pictures look unnatural.		
Indoor lighting affected the picture's colors.	Set the white balance according to the lighting.	P. 50
No white in the picture.	Include something white in the picture, or shoot using [⚡].	P. 41
The white balance setting is wrong.	Adjust the white balance according to the light source.	P. 50
Part of the picture is dark.		
The lens was partly blocked by your finger or the strap.	Hold the camera correctly, keeping your fingers and the strap away from the lens.	–

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Possible cause	Corrective action	Ref. page
Pictures you have taken do not appear on the monitor.		
The power is off.	Set the mode dial to ▶ or 🖼, then press the **POWER** button to turn the camera on.	P. 21
The camera is in the shooting mode.	Press the **QUICK VIEW** button or set the mode dial to ▶ or 🖼.	P. 9
There are no pictures in the internal memory or on the card.	[NO PICTURE] is displayed on the monitor. Record pictures.	–
There is a problem with the card.	See “Error messages”.	P. 128
The camera is connected to a TV.	The monitor does not function when the AV cable is connected to the camera.	P. 78
Single-frame erase and all-frame erase cannot be performed.		
The pictures are protected.	Cancel the protection of the pictures.	P. 80
No picture is displayed on the TV when connected to the camera.		
The video output signal is incorrect.	Set the video output signal according to the region where used.	P. 79
The TV video signal setting is incorrect.	Set the TV to the video input mode.	–
The monitor is hard to see.		
The brightness of the monitor is not adjusted properly.	Use [🖵] to adjust monitor brightness.	P. 92
The monitor is exposed to direct sunlight.	Block the sunlight with your hand.	–

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● When the camera is connected to a computer or printer

Possible cause	Corrective action	Ref. page
The printer fails to connect.		
PC was selected on the monitor after connecting the camera to the printer with the USB cable.	Remove the USB cable, and start again from Step 1 of “Printing pictures”.	P. 100
The printer does not support PictBridge.	Refer to the instruction manual for your printer. Or, contact your printer manufacturer.	–
The camera is not recognized by the computer.		
The computer failed to recognize the camera.	Disconnect the USB cable from the camera, and connect it again.	P. 118
The USB driver has not been installed.	Install OLYMPUS Master.	P. 113

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Camera care

● Cleaning the camera

Exterior:

- Wipe gently with a soft cloth. If the camera is very dirty, soak the cloth in mild soapy water and wring well. Wipe the camera with the damp cloth and then dry it with a dry cloth. If you have used the camera at the beach, use a cloth soaked in clean water and wrung well.

Monitor:

- Wipe gently with a soft cloth.

Lens:

- Blow dust off the lens with a commercial blower, then wipe gently with a lens cleaner.

Battery/Charger:

- Wipe gently with a soft, dry cloth.

Note

- Do not use strong solvents such as benzene or alcohol, or chemically treated cloth.
- Mold may form on the lens surface if the lens is left dirty.

● Storage

- When storing the camera for extended periods, remove the battery, AC adapter and card, and keep in a cool, dry place that is well ventilated.
- Periodically insert the battery and test the camera functions.

Note

- Avoid leaving the camera in places where chemical products are handled since this may result in corrosion.

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Battery and charger

- This camera uses one Olympus LI-10B or LI-12B lithium ion battery. No other type of batteries can be used.
- Power consumption by the camera varies depending on which functions are used.
- During the conditions described below, power is consumed continuously and the battery becomes exhausted quickly.
  - The zoom is used repeatedly.
  - The shutter button is pressed halfway repeatedly in shooting mode, activating the auto focus.
  - A picture is displayed on the monitor for an extended period of time.
  - The camera is connected to a computer or printer.
- Using an exhausted battery may cause the camera to turn off without displaying the battery level warning.
- The rechargeable battery is not fully charged at the time of purchase. Charge the battery fully with the LI-10C charger before use.
- The provided rechargeable battery usually takes approximately 120 minutes to charge.
- Never use any charger other than the LI-10C.
- The charger can be used within the range of AC 100 V to AC 240 V (50/60 Hz). When using the charger abroad, you may need a plug adapter to convert the plug to the shape of the AC wall outlet. For details, ask at your local electrical shop or travel agent.
- Do not use travel voltage converters as they could damage your charger.

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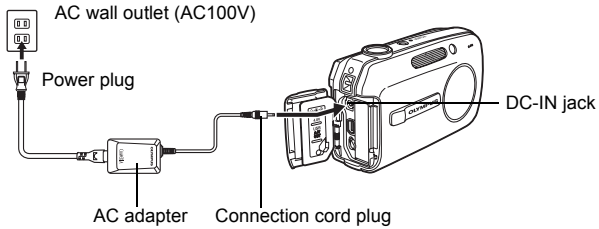
AC adapter (optional)

An AC adapter is useful for time-consuming tasks such as image downloads to a computer.
Use the Olympus AC adapter to power your digital camera from a common AC wall outlet. Do not use any other AC adapter with this camera.



Note

- If the battery power runs out while the camera is connected to a computer or printer, the image data may be lost or damaged. It is recommended that you use the AC adapter. Do not connect or disconnect the AC adapter while the camera is connected to a computer or printer.
- Do not remove or load the battery or connect or disconnect the AC adapter while the camera is turned on. Doing so could affect the camera's internal settings or functions.
- The AC adapter can be used within the range of AC 100 V to AC 240 V (50/60 Hz).
  When using abroad, you may need a plug adapter to convert the plug to match the AC wall outlet. For details, ask at your local electrical shop or travel agent.
- Do not use travel voltage converters as they could damage your AC adapter.
- The camera is not water resistant during AC adapter use.
- Be sure to read the instruction manual for the AC adapter.

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Safety Precautions

Caution for Usage Environment

- To protect the high-precision technology contained in this product, never leave the camera in the places listed below, no matter if in use or storage:
  - Places where temperatures and/or humidity are high or go through extreme changes. Direct sunlight, beaches, locked cars, or near other heat sources (stove, radiator, etc.) or humidifiers.
  - In sandy or dusty environments.
  - Near flammable items or explosives.
  - In wet places, such as bathrooms or in the rain. When using products with weatherproof designs, read their manuals as well.
  - In places prone to strong vibrations.
- Never drop the camera or subject it to severe shocks or vibrations.
- When mounted on a tripod, adjust the position of the camera with the tripod head. Do not twist the camera.
- Do not touch electric contacts on cameras.
- Do not leave the camera pointed directly at the sun. This may cause lens or shutter curtain damage, color failure, ghosting on the CCD, or may possibly cause fires.
- Do not push or pull severely on the lens.
- Before storing the camera for a long period, remove the battery. Select a cool, dry location for storage to prevent condensation or mold from forming inside the camera. After storage, test the camera by turning it on and pressing the shutter release button to make sure that it is operating normally.
- Always observe the operating environment restrictions described in the camera's manual.

Battery Handling Precautions

- This camera uses a lithium ion battery specified by Olympus. Do not use any other type of battery. For safe and proper use, read the battery's instruction manual carefully before using it.
- If the battery's terminals get wet or greasy, camera contact failure may result. Wipe the battery well with a dry cloth before use.
- Always charge a battery when using it for the first time, or if it has not been used for a long period.
- When operating the camera with battery power at low temperatures, try to keep the camera and spare battery as warm as possible. A battery that has run down at low temperatures may be restored after it is warmed at room temperature.
- The number of pictures you can take may vary depending on the shooting conditions or battery.
- Before going on a long trip, and especially before traveling abroad, purchase extra batteries. A recommended battery may be difficult to obtain while traveling.
- Please recycle batteries to help save our planet's resources. When you throw away dead batteries, be sure to cover their terminals and always observe local laws and regulations.

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LCD Monitor

- Do not push the monitor forcibly; otherwise the image may become vague, resulting in a playback mode failure or damage to the monitor.
- A strip of light may appear on the top/bottom of the monitor, but this is not a malfunction.
- When a subject is viewed diagonally in the camera, the edges may appear zigzagged on the monitor. This is not a malfunction; it will be less noticeable in playback mode.
- In places subject to low temperatures, the LCD monitor may take a long time to turn on or its color may change temporarily. When using the camera in extremely cold places, it is a good idea to occasionally place it in a warm place. An LCD monitor exhibiting poor performance due to low temperatures will recover in normal temperatures.
- The LCD used for the monitor is made with high-precision technology. However, black spots or bright spots of light may appear constantly on the LCD Monitor. Due to its characteristics or the angle at which you are viewing the monitor, the spot may not be uniform in color and brightness. This is not a malfunction.

Legal and Other Notices

- Olympus makes no representations or warranties regarding any damages, or benefit expected by using this unit lawfully, or any request from a third person, which are caused by the inappropriate use of this product.
- Olympus makes no representations or warranties regarding any damages or any benefit expected by using this unit lawfully which are caused by erasing picture data.

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FCC Notice

- Radio and Television Interference
  Changes or modifications not expressly approved by the manufacturer may void the user's authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
  This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
  However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Adjust or relocate the receiving antenna.
  - Increase the distance between the camera and receiver.
  - Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
  - Consult your dealer or an experienced radio/TV technician for help. Only the OLYMPUS-supplied USB cable should be used to connect the camera to USB enabled personal computers (PC).

Any unauthorized changes or modifications to this equipment would void the user's authority to operate.

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Glossary of terms

A (Aperture Priority) Mode
You set the aperture yourself and the camera automatically varies the shutter speed so that the picture is taken with the best exposure.

AE (Automatic Exposure)
The camera automatically sets the exposure. The 3 AE modes available on this camera are (Program auto) mode, in which the camera selects both the aperture and shutter speed, **A** mode, in which the user selects the aperture and the camera sets the shutter speed, and **S** mode, in which the user selects the shutter speed and the camera sets the aperture.

Aperture
The adjustable lens opening which controls the amount of light that enters the camera. The larger the aperture, the shorter the depth of field and the fuzzier the background. The smaller the aperture, the greater the depth of field and the sharper the background. Larger aperture values indicate smaller apertures, and smaller aperture values indicate larger apertures.

CCD (Charge-Coupled Device)
This converts light passing through the lens into electrical signals. On this camera, light is picked up and converted into RGB signals to build a single image.

Contrast Detection Method
This is used to measure the distance to the subject. The camera determines if the image is focused by the level of contrast in the subject.

Conventional Photograph
This refers to recording images using silver halide (the method for recording images in conventional, non-digital photography). This system is in contrast to still video and digital photography.

DCF (Design Rule for Camera File System)
A standard for image files by the Japan Electronics and Information Technology Industries Association (JEITA).

DPOF (Digital Print Order Format)
This is for saving desired print settings on digital cameras. By entering which images to print and the number of copies of each, the user can easily have the desired images printed by a printer or print lab that supports the DPOF format.

Eclipsing (Vignetting)
This refers to when an object obscures part of the field of view so that the whole subject is not photographed. Vignetting also refers to when the image seen through the viewfinder does not exactly match the image shot through the objective lens, so the photographed image includes objects not seen through the viewfinder. In addition, vignetting can occur when an incorrect lens hood is used, causing shadowing to appear in the corners of the image.

ESP (Electro-Selective Pattern) Light Metering/Digital ESP Light Metering
This determines the exposure by metering and calculating the light levels in the center and other areas of the image separately.

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EV (Exposure Value)
A system for measuring exposure. EV0 is when the aperture is at F1 and the shutter speed is 1 second. The EV then increases by 1 each time the aperture increases by one F stop or the shutter speed increases by one increment. EV can also be used to indicate brightness and ISO.

Exposure
The amount of light used to capture an image. The exposure is determined by the time the shutter is open (shutter speed) and the amount of light that passes through the lens (aperture).

Image Size
The size of an image expressed by the number of pixels that make up the image. For instance, a picture taken with an image size of 640 × 480 fills the computer screen when the monitor setting is 640 × 480. However, if the monitor setting is 1,024 × 768, the picture only takes up part of the screen.

ISO
A method for indicating film speed by the International Organization for Standardization (ISO) (ex. “ISO100”). Higher ISO values indicate greater sensitivity to light, so images can be exposed even in low-light conditions.

JPEG (Joint Photographic Experts Group)
A compression format for still images. Photographs (pictures) taken using this camera are recorded onto the card in JPEG format. By downloading these images to a computer, users can edit them using graphics application software or view the images using an Internet web browser.

Noise reduction
When shooting in dark places, shutter speeds become slower as there is less light focused on the CCD. During long exposures, signals are generated by parts of the CCD where no light is focused and are recorded on the picture as noise. When noise reduction works, the camera automatically reduces the noise to produce clearer images.

NTSC (National Television Systems Committee) / PAL (Phase Alternating Line)
Television formats. NTSC is mainly used in Japan, North America and Korea. PAL is mainly used in Europe and China.

Program auto
Also called Program AE mode. The camera automatically sets the best shutter speed and aperture for the shot.

PictBridge
A standard for connecting digital cameras and printers of different makers and printing out pictures directly.

Pixels
A pixel is the smallest unit (dot) used to make up an image. Clear large-sized printed images require millions of pixels.

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S (Shutter Priority) Mode
Also called Shutter Priority AE mode. The user selects the shutter speed and the camera automatically varies the aperture so that the picture is taken with the best exposure.

Sleep Mode
A mode designed to save battery life. The camera automatically enters the sleep mode if you do not operate it for a certain time. To exit the sleep mode, use any button on the camera (shutter button, arrow pad, etc.).

TFT (Thin-Film Transistor) Color Monitor
A transistor color monitor constructed using thin-film technology.

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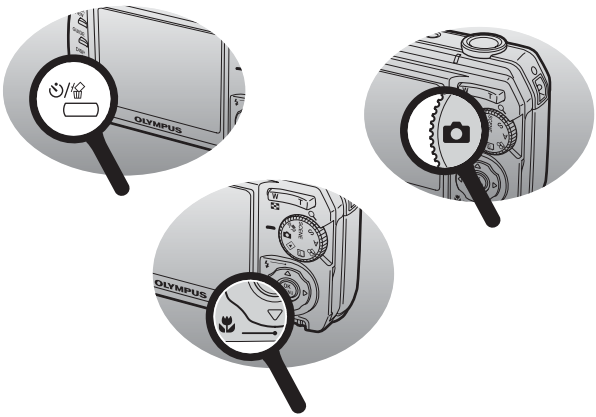
Miscellaneous

10

This chapter contains all the camera functions described in Chapters 1 to 8.
Refer here for the names of the camera parts and buttons, the names and meanings of the icons that are displayed on the monitor, and the lists of the top menus and mode menus.
The index helps you find the pages containing a function or item that you are looking for. For effective use of the manual, reference page numbers are listed next to the names of the camera parts and in the menu lists.



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Menu list

● **Shooting mode menus (/SCENE/S/A)**

Top menu	Tab	Item	Settings	Ref. Page
MODE MENU	CAMERA	ESP/	ESP,	P. 51
		DRIVE	, , HI	P. 52
		ISO	AUTO, 64, 100, 200, 400, 800, 1600	P. 53
		DIGITAL ZOOM	OFF, ON	P. 39
		AF MODE	iESP, SPOT	P. 54
			OFF, ON	P. 60
		PANORAMA		P. 57
		2 IN 1		P. 59
	MEMORY (CARD)	MEMORY FORMAT (FORMAT)	YES, NO	P. 83
		BACKUP	YES, NO	P. 80
	SETUP	ALL RESET	OFF, ON	P. 85
		*		P. 86
		PW ON SETUP	SCREEN: OFF, 1, 2, 3	P. 86
			VOLUME: OFF, LOW, HIGH	
		COLOR	NORMAL, BLUE, GREEN, PINK	P. 88
			OFF, LOW, HIGH	P. 89
		SHUTTER SOUND	OFF, 1, 2, 3	P. 89
			LOW, HIGH	
		REC VIEW	OFF, ON	P. 90
		FILE NAME	RESET, AUTO	P. 90
		PIXEL MAPPING		P. 97
				P. 91
				P. 92
		DUALTIME SETUP	OFF, ON	P. 93
		ALARM CLOCK	OFF, ONE TIME, DAILY	P. 94
		VIDEO OUT	NTSC, PAL	P. 79
			-2.0 – 0.0 – +2.0	P. 49

* Available languages vary depending on the area where you purchased this camera.

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	SHQ		P. 25
	HQ		
	SQ1	2560 × 1920, 2272 × 1704, 2048 × 1536	
	SQ2	1600 × 1200, 1280 × 960, 1024 × 768, 640 × 480	
WB		AUTO, ☀, ☁, 💡, WB1, WB2, WB3	P. 50

● **Shooting mode menus (🎥)**

Top menu	Tab	Item	Settings	Ref. Page
MODE MENU	CAMERA	ESP/[•]	ESP, [•]	P. 51
		DIGITAL ZOOM	OFF, ON	P. 39
	MEMORY (CARD)	MEMORY FORMAT (FORMAT)	YES, NO	P. 83
		BACKUP	YES, NO	P. 80
	SETUP	ALL RESET	OFF, ON	P. 85
		🗣*		P. 86
		PW ON SETUP	SCREEN: OFF, 1, 2, 3	P. 86
			VOLUME: OFF, LOW, HIGH	
		COLOR	NORMAL, BLUE, GREEN, PINK	P. 88
		🔊	OFF, LOW, HIGH	P. 89
		FILE NAME	RESET, AUTO	P. 90
		PIXEL MAPPING		P. 97
				P. 91
				P. 92
		DUALTIME SETUP	OFF, ON	P. 93
		ALARM CLOCK	OFF, ONE TIME, DAILY	P. 94
		VIDEO OUT	NTSC, PAL	P. 79
			-2.0 – 0.0 – +2.0	P. 49
			SHQ 640 × 480, HQ 320 × 240, SQ 160 × 120	P. 25
WB			AUTO, ☀, ☁, 💡, WB1, WB2, WB3	P. 50

* Available languages vary depending on the area where you purchased this camera.

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● Playback mode menus (▶) (still pictures)

Top menu	Tab	Item	Settings	Ref. Page
MODE MENU	PLAY		+90°, 0°, -90°	P. 64
			,	P. 106
				P. 74
	EDIT	REDEYE FIX	NEW FILE, CANCEL	P. 76
		BLACK & WHITE	BLACK&WHITE, CANCEL	P. 76
		SEPIA	SEPIA, CANCEL	P. 76
			1280 × 960, 640 × 480, 320 × 240, CANCEL	P. 76
	MEMORY (CARD)	ALL ERASE	YES, NO	P. 82
		MEMORY FORMAT (FORMAT)	YES, NO	P. 83
		BACKUP	YES, NO	P. 80
	SETUP	ALL RESET	OFF, ON	P. 85
		*		P. 86
		PW ON SETUP	SCREEN: OFF, 1, 2, 3	P. 86
			VOLUME: OFF, LOW, HIGH	
		SCREEN SETUP	OK, CANCEL	P. 87
		COLOR	NORMAL, BLUE, GREEN, PINK	P. 88
		VOLUME	OFF, LOW, HIGH	P. 89
			OFF, LOW, HIGH	P. 89
				P. 91
				P. 92
		DUALTIME SETUP	OFF, ON	P. 93
		ALARM CLOCK	OFF, ONE TIME, DAILY	P. 94
		VIDEO OUT	NTSC, PAL	P. 79
			4, 9, 16, 25	P. 64
		BGM	OFF, ON	P. 73
		TYPE	NORMAL, FADER, SLIDE, ZOOM	
ALBUM ENTRY			SEL. IMAGE, SET CALENDAR, SET ALL, CANCEL	P. 67
				P. 80

* Available languages vary depending on the area where you purchased this camera.

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● Playback mode menus (▶) (movies)

Top menu	Tab	Item	Settings	Ref. Page
MODE MENU	EDIT	INDEX	INDEX, CANCEL	P. 77
	MEMORY (CARD)	ALL ERASE	YES, NO	P. 82
		MEMORY FORMAT (FORMAT)	YES, NO	P. 83
		BACKUP	YES, NO	P. 80
	SETUP	ALL RESET	OFF, ON	P. 85
		🗣*		P. 86
		PW ON SETUP	SCREEN: OFF, 1, 2, 3	P. 86
			VOLUME: OFF, LOW, HIGH	
		COLOR	NORMAL, BLUE, GREEN, PINK	P. 88
		VOLUME	OFF, LOW, HIGH	P. 89
		🔊	OFF, LOW, HIGH	P. 89
				P. 91
				P. 92
		DUALTIME SETUP	OFF, ON	P. 93
		ALARM CLOCK	OFF, ONE TIME, DAILY	P. 94
		VIDEO OUT	NTSC, PAL	P. 79
			4, 9, 16, 25	P. 64
MOVIE PLAY				P. 65
ALBUM ENTRY			SEL. IMAGE, SET CALENDAR, SET ALL, CANCEL	P. 67
🔑				P. 80

* Available languages vary depending on the area where you purchased this camera.

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● Playback mode menus (▶) (album display)

Top menu	Item	Settings	Ref. Page
ALBUM MENU	SEL. ALBUM	–	P. 69
	*1	+90°, 0°, -90°	P. 64
	SELECT TITLE IMAGE	OK, CANCEL	P. 70
	*1	, ALL	P. 106
	VOLUME	OFF, LOW, HIGH	P. 89
			P. 91
	VIDEO OUT	NTSC, PAL	P. 79
*1, MOVIE PLAY *2			P. 65, 73
UNDO ENTRY		SEL. IMAGE, UNDO ALL, CANCEL	P. 70
			P. 80

*1: Not displayed for movies.

*2: Not displayed for still pictures.

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List of factory default settings

The functions are set as follows when the camera leaves the factory.

● **Shooting mode**

Information display (**DISP**)	Information on screen
Zoom	Wide
,	OFF
/	/ OFF
Flash	Still pictures: AUTO Movies:
	HQ
	0.0
WB	AUTO
ESP/	ESP
DRIVE	
ISO	AUTO
DIGITAL ZOOM	OFF
AF MODE	SPOT
	OFF
SHUTTER SOUND	1 - LOW
REC VIEW	ON
FILE NAME	RESET

● **Playback mode**

Information display (**DISP**)	Information off screen
	OFF
	0°
	OFF
	BGM: ON TYPE: NORMAL
VOLUME	LOW
	9

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● **Others**

ALL RESET	ON
	*
PW ON SETUP	SCREEN: OFF
COLOR	NORMAL
	±0
	Y-M-D 2005.01.01 00:00
DUALTIME SETUP	OFF
ALARM CLOCK	OFF
VIDEO OUT	NTSC or PAL*
	LOW

* Settings differ according to the region where the camera is sold.

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Functions available in shooting modes and scenes

Some functions cannot be set in certain shooting modes and scenes. For more details, refer to the table below.

Function \ Mode			S	A				
	✓							
			✓		—		✓	
	✓							
Flash	✓							
Information display (**DISP**)	✓							
Optical zoom	✓							
	✓							
WB	✓							
	✓*3							
ESP/	✓							
DRIVE	✓							
ISO	✓	—	✓*6		—			
DIGITAL ZOOM	✓	—	✓					—
AF MODE	✓							
	✓							
PANORAMA		✓		—		✓		
2 IN 1	✓							
Format	✓							
ALL RESET		✓			—			
	✓							
PW ON SETUP	✓							
COLOR	✓							
	✓							
SHUTTER SOUND	✓							
REC VIEW	✓							
FILE NAME	✓							
PIXEL MAPPING	✓							
	✓							
	✓							
DUALTIME SETUP	✓							
ALARM CLOCK	✓							
VIDEO OUT	✓							

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Function \ Mode								
	✓							
	✓			—				
	✓			✓*1	✓			
Flash	✓	—		✓		—		✓
Information display (**DISP**)	✓							
Optical zoom	✓*2							
	✓							
WB	✓							
	✓*3							
ESP/	✓*4							
DRIVE	✓					—		
ISO	—							
DIGITAL ZOOM	✓			—	✓	—	✓	
AF MODE	✓*5							
	✓							
PANORAMA	✓			—	✓			
2 IN 1	✓							
Format	✓							
ALL RESET	—							
	✓							
PW ON SETUP	✓							
COLOR	✓							
	✓							
SHUTTER SOUND	✓							
REC VIEW	✓							
FILE NAME	✓							
PIXEL MAPPING	✓							
	✓							
	✓							
DUALTIME SETUP	✓							
ALARM CLOCK	✓							
VIDEO OUT	✓							

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Mode / Function								
	✓							
	—		✓					
/		✓				—		✓
Flash	✓	—		✓	—		✓	—
Information display (**DISP**)	✓							
Optical zoom	✓							
	✓							
WB	✓							
	✓*3							
ESP/	✓							
DRIVE	—			✓		—		
ISO	—							
DIGITAL ZOOM	✓		—	✓		—	✓	
AF MODE	✓							—
	✓					—		
PANORAMA	✓					—		
2 IN 1	✓					—		
Format	✓							
ALL RESET	—							✓
	✓							
PW ON SETUP	✓							
COLOR	✓							
	✓							
SHUTTER SOUND	✓							—
REC VIEW	✓						—	
FILE NAME	✓							
PIXEL MAPPING	✓							
	✓							
	✓							
DUALTIME SETUP	✓							
ALARM CLOCK	✓							
VIDEO OUT	✓							

*1 Only [ ] and [ ] are available.
*2 Locked on wide angle (W) when using .
*3 When using , , , , or , only [2048 × 1536], [1600 × 1200], [1280 × 960], [1024 × 768], and [640 × 480] are available.
*4 When using , only [ESP] is available.
*5 When using or , only [iESP] is available.
*6 When using **A** and **S** modes, [AUTO] is not available.

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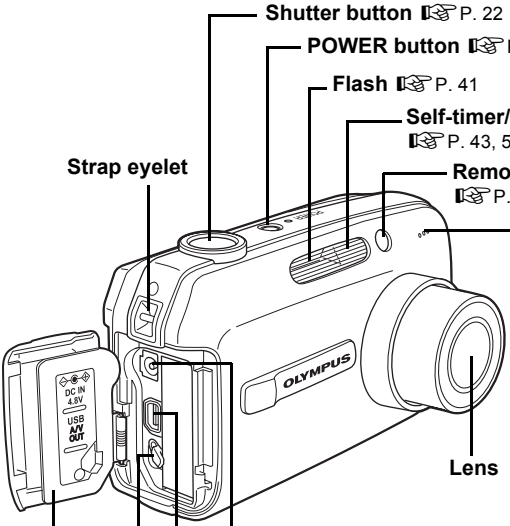
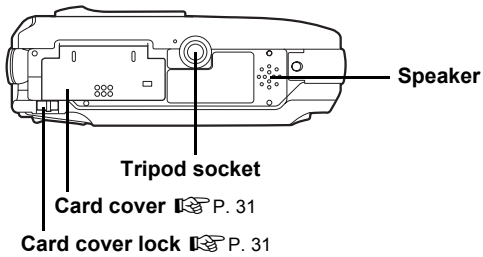
Names of parts

Camera





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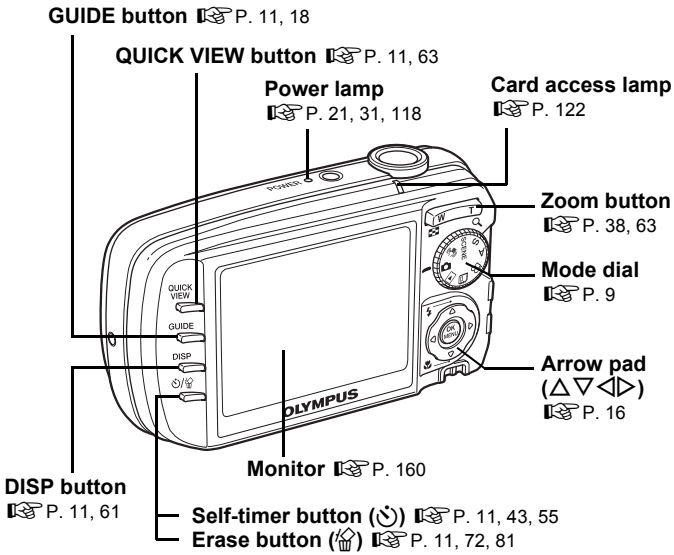
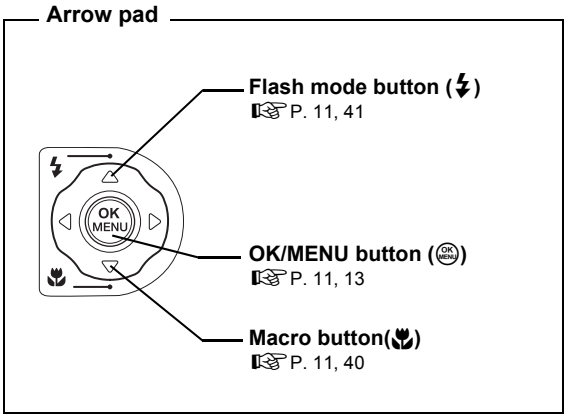

GUIDE button ☞P. 11, 18
QUICK VIEW button ☞P. 11, 63
Power lamp ☞P. 21, 31, 118
Card access lamp ☞P. 122
Zoom button ☞P. 38, 63
Mode dial ☞P. 9
Arrow pad (△▽◁▷) ☞P. 16
Monitor ☞P. 160
DISP button ☞P. 11, 61
Self-timer button (⏲) ☞P. 11, 43, 55
Erase button (🗑) ☞P. 11, 72, 81
QUICK VIEW
GUIDE
DISP
OLYMPUS



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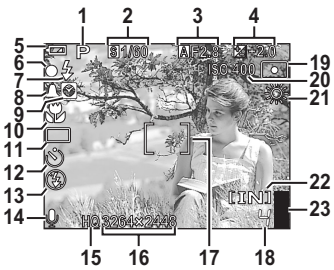
Monitor indications

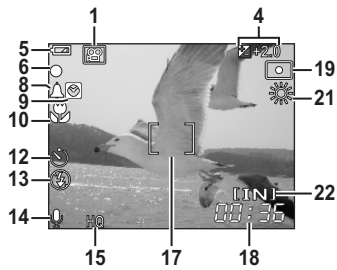
The amount of information displayed on the screen in shooting mode or playback mode can be changed by pressing the **DISP** button. The screen below shows the detail display.

☞ “Direct buttons” (P. 11), “Changing the monitor display (DISP)” (P. 61)

● Shooting mode



Still pictures



Movie

	Item	Indications	Ref. Page
1	Shooting mode	**P**, , **S**, **A**, , , ,

	Item	Indications	Ref. Page
12	Self-timer Remote control	 	P. 43 P. 55
13	Flash mode		P. 41
14	Sound record		P. 60, 74
15	Record mode	SHQ, HQ, SQ1, SQ2	P. 25
16	Image size	3264 × 2448, 2560 × 1920, 640 × 480, etc.	P. 25
17	AF target mark	[ ]	P. 22
18	Number of storable still pictures Remaining recording time	4 00:36	P. 26 P. 27, 44
19	Spot metering		P. 51
20	ISO	ISO 64 – ISO 1600	P. 53
21	White balance		P. 50
22	Memory indicator	[IN], [xD]	P. 29
23	Memory gauge		–

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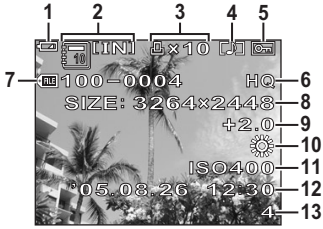
● Playback mode



Still pictures

Movie

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3	Print reservation/ number of prints Movie	×10	P. 106 P. 65
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11	ISO	ISO 64 – ISO 1600	P. 53
12	Date and time	'05.08.26 12:30	P. 92
13	Frame number Playing time/Total recording time	4 00:00 / 00:36	– P. 65

Note

- The indications that appear on a movie picture that has been selected and displayed from the index display are different from those on the movie picture that is displayed using the movie playback function.

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